

**ANEKANT EDUCATION SOCIETY'S TULJARAM CHATURCHAND  
COLLEGE OF ARTS, SCIENCE AND COMMERCE BARAMATI.  
(AUTONOMOUS) DEPARTMENT OF STATISTICS  
REPORT OF STATISTICS QUIZ**

Department of Statistics organized Statistics Quiz on 17/01/2020 for various classes viz. F.Y.B.Sc., S.Y.B.Sc., F.Y.B.Sc. (Computer Science) in collaboration with Pune University Statistics Association (PUSA), Savitribai Phule Pune University. Total **352 Students** (F. Y. B. Sc.:140, F. Y. B. Sc. (Computer Science):118, S. Y. B. Sc: 94) participated in this statistics quiz. Cash prizes and certificates were awarded to rank holder.

➤ **Topper in F.Y.B.Sc. Statistics Quiz are as follows**

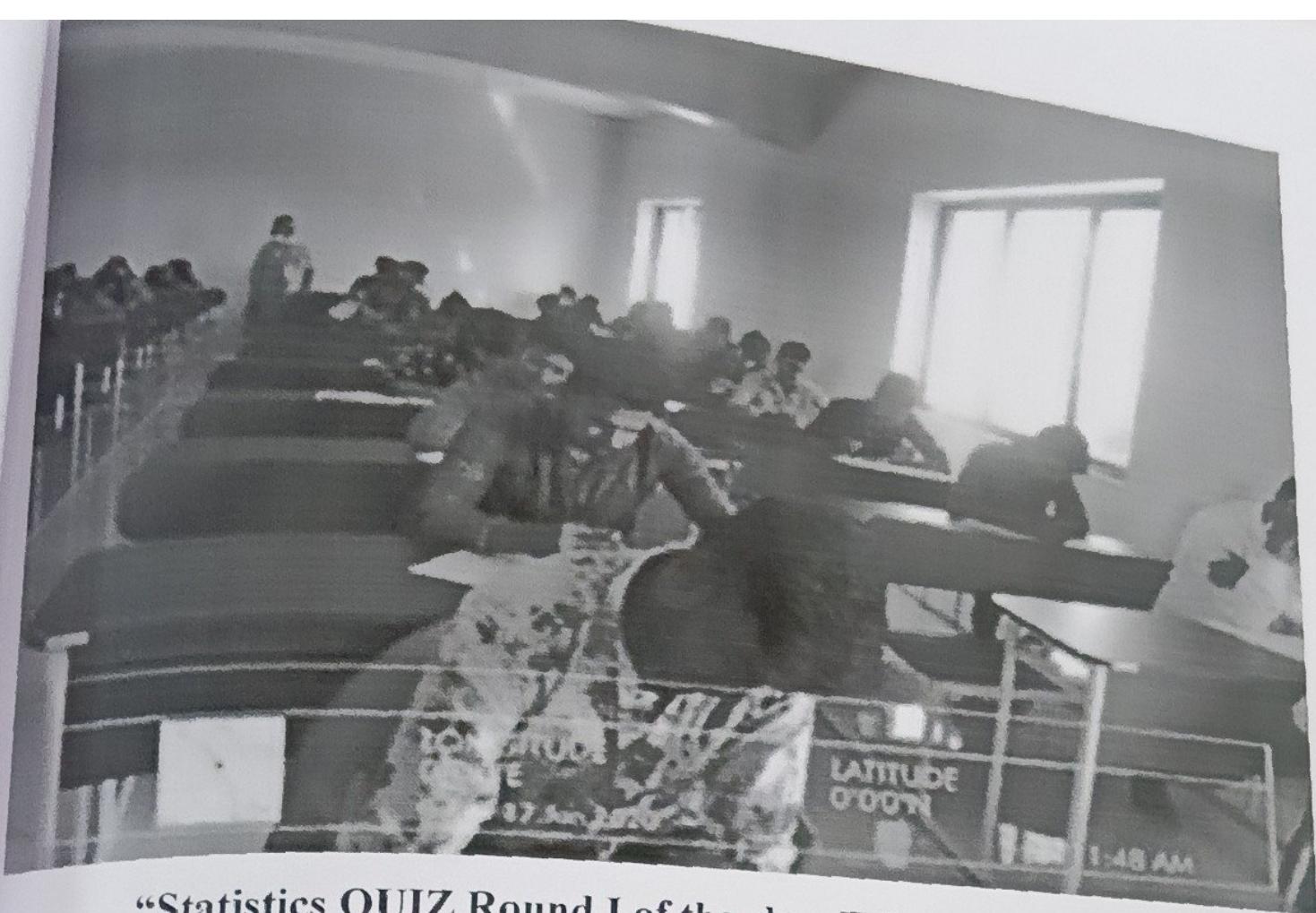
- 1) Mr. Dhumal Shreyash Umesh
- 2) Miss. Dash Abhipsa Harshabardhan
- 3) Mr. Beldar Prasad Dattatray
- 4) Mr. Phalke Dhiraj Shailesh

➤ **Toppers in F.Y.B.Sc. (Computer Science) Statistics Quiz are as follows**

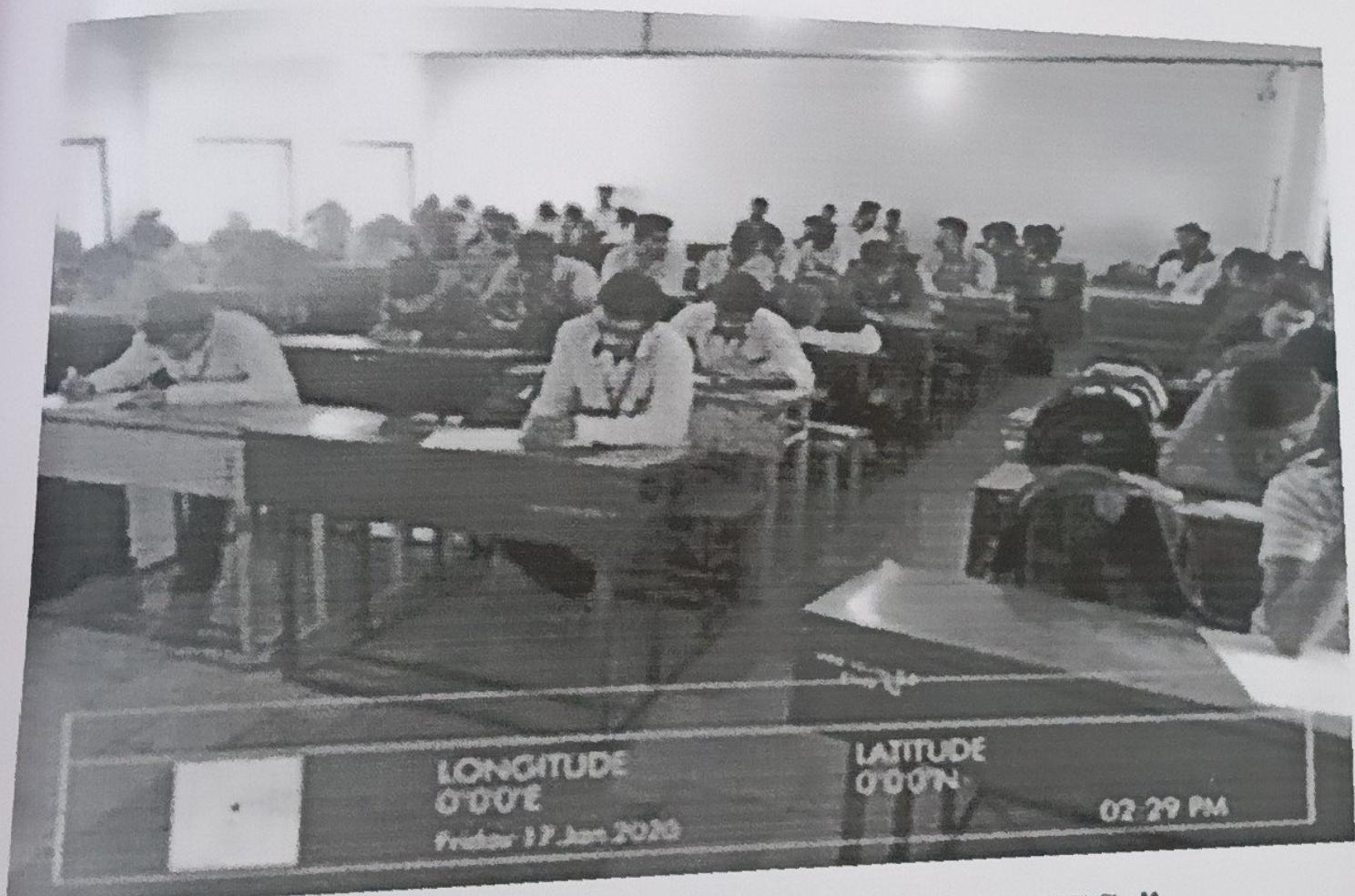
- 1) Mr. Pawar Akash Hanumant
- 2) Mr. Vanve Krishna Kailas

➤ **Toppers in S.Y.B.Sc. Statistics Quiz are as follows**

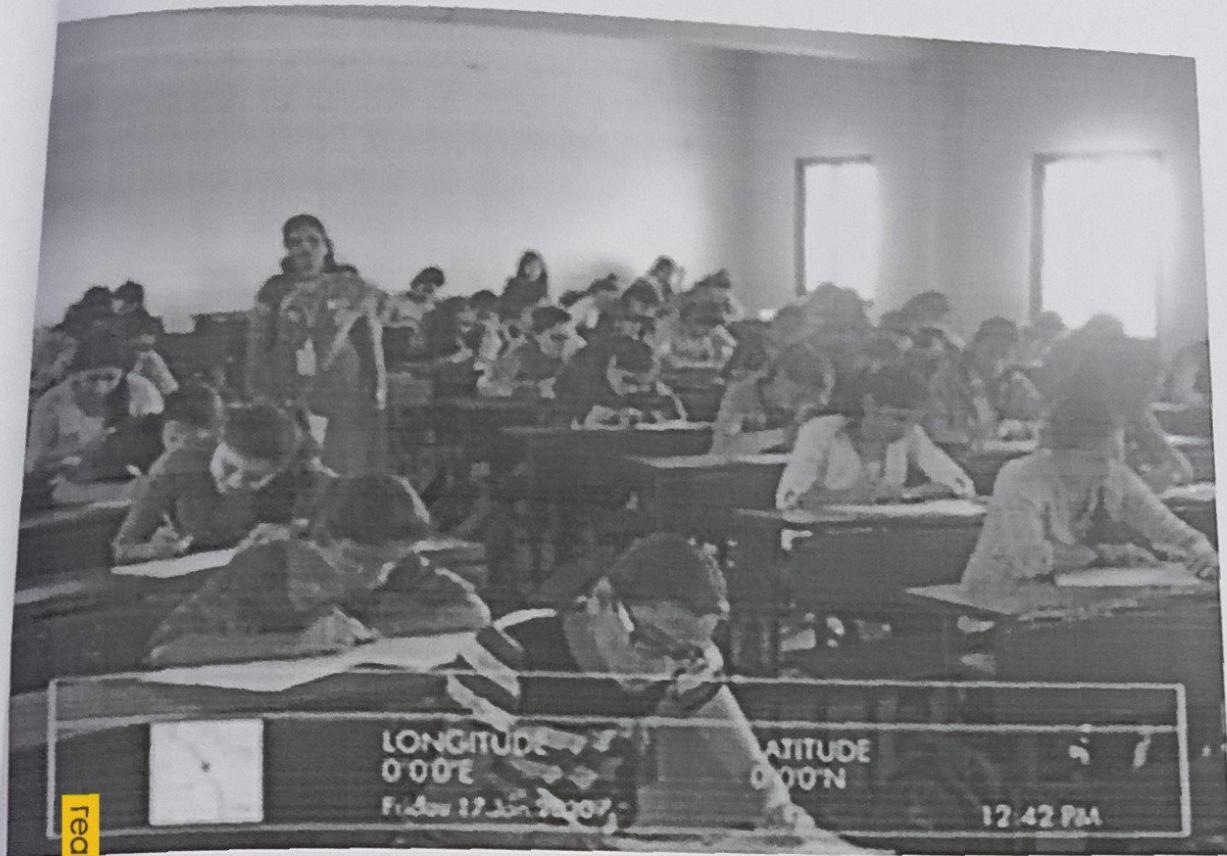
- 1) Mr. Chavan Omkar Ashok
- 2) Miss. Chavan Shital Sunil
- 3) Mr. Dagade Digamber Vishwanath
- 4) Miss. Nayak Sonali Mahendra



**“Statistics QUIZ Round I of the class FYBSc (Comp. Sci.)”**



**“Statistics QUIZ Round I of the class FYBSc”**

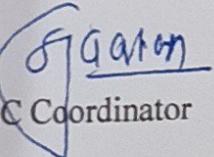


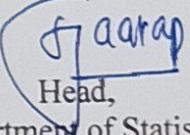
“Statistics QUIZ Round I of the class SYBSc”

realme

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IQAC Coordinator

  
Head,  
Department of Statistics

संख्याशास्त्र विभाग  
तुळजाराम चतुरचंद महाविद्यालय,  
वारामती.  
दि. २०/०१/२०२०

प्रति,  
प्रा. ए. आर. दरेकर  
Co-ordinator  
PUSA Activities

दिनांक १७ जानेवारी २०२० रोजी आमच्या महाविद्यालयात Statistics Quiz घेण्यात आली. Quiz ला वसलेले विद्यार्थी खालीलप्रमाणे

वर्ग	विद्यार्थी संख्या
एफ.वाय.बी.एस्सी.	१४०
एफ.य.बी.एस्सी. (संगणकशास्त्र)	११८
एस.वाय.बी.एस्सी.	९४
एकूण	३५२

सोबत  $352 \times 04 = 1408/-$  रु. पाठवित आहे त्याचा स्विकार क्वावा व पोच द्यावी ही विनंती.

कळावे,

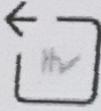
आपला विश्वासू

(डॉ. अविनेश एस. जगताप)  
*(Signature)*

संख्याशास्त्र विभागप्रमुख  
तुळजाराम चतुरचंद महाविद्यालय, वारामती

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Q.10. Let  $X$  denote the number of independent throws of a fair die required to obtain the first occurrence of 3. Then probability distribution of  $X$  is

- (a) binomial      (b) geometric      (c) Poisson      (d) multinomial
- (a)  $\left(\frac{1}{2}\right)^{16}$       (b)  $\left(\frac{1}{2}\right)^4$       (c)  $\left(\frac{1}{2}\right)^6$       (d)  $\left(\frac{1}{2}\right)^0$

Q.11. The mean and variance of binomial distribution are 8 and 4 respectively. Hence  $P(X=0)$  is

- (a)  $\left(\frac{1}{2}\right)^8$       (b)  $\left(\frac{1}{2}\right)^4$       (c)  $\left(\frac{1}{2}\right)^6$       (d)  $\left(\frac{1}{2}\right)^0$
- (a) 0.16      (b) 0.32      (c) 0.64      (d) 0.12

Q.12. The life time (in hours) of a bulb follows exponential distribution with mean  $\theta$  which is unknown. The probability that the bulb survives 12 hours is 0.32. Hence the probability that a bulb which is used for 12 hours will survive additional 12 hours is

- (a)  $\left(\frac{1}{4}, 3, 4\right)$       (b)  $\left(\frac{1}{4\sqrt{2\pi}}, 3, 4\right)$
- (c)  $\left(\frac{1}{4\sqrt{2\pi}}, 3, 2\right)$       (d)  $\left(\frac{1}{4\sqrt{2\pi}}, 4, 3\right)$

Q.13. If  $f(x) = k \exp\left(-\frac{1}{32}(x^2 - 6x + 9)\right)$  represents the probability density function of a normal distribution, then the value of  $k$ ,  $\mu$ ,  $\sigma$  are respectively

- (a)  $E(X_1 + X_2)$       (b)  $E(X_1 \cdot X_2)$       (c)  $E(X_1)$       (d)  $E(\{X_1 + X_2\})$

Q.14. Let  $X_1$  and  $X_2$  be independent  $N(\theta, \sigma^2)$  variates. Then which of the following depends on  $\sigma^2$ .

- (a)  $E(X_1 + X_2)$       (b)  $E(X_1 \cdot X_2)$       (c)  $E(X_1)$       (d)  $E(\{X_1 + X_2\})$

Q.15. A family is selected at random from families of size 5 each having at least one graduate. Probability that a member in any family is graduate is 0.3. Find the probability that there are exactly two graduates in a selected family.

- (a)  $\frac{0.3087}{1-(0.7)^5}$       (b)  $\frac{0.3087}{1-(0.3)^5}$       (c)  $\frac{0.3087}{(0.7)^5}$       (d)  $\frac{0.3087}{(0.3)^5}$

Q.16. If a train runs 100 km distance at the speed of 100 km/hr, next 200 km at the speed of 200 km/hr and last 300 km at the speed of 75 km/hr then the average speed of the train is

- (a) 200      (b) 150      (c) 50      (d) 100

Q.17. Let  $X_1, X_2, \dots, X_{10}$  be i.i.d.  $N(0, 1)$  random variables. Let  $\bar{X}_{10}$  be the mean of 10

- observations. Then the probability distribution of  $\frac{(\bar{X}_{10} - X_{11})^2}{1.1}$  is
- (a)  $G\left(\frac{1}{2}, \frac{1}{2}\right)$       (b)  $G\left(\frac{1}{2}, 1\right)$
- (c)  $G\left(\frac{1}{2}, 10\right)$       (d)  $G\left(\frac{1}{2}, 11\right)$

Q.18. Given the following contingency table for two attributes A and B.

	B	D
A	a	b
c	c	d

The two attributes are said to be positively associated if

- (a)  $ad > bc$       (b)  $ab > ad$       (c)  $ac > bd$       (d)  $ad > b+c$

Q.19. Consider the following pairs of observations:

X	7	3	15	6	8	10
Y	62	56	95	57	70	73

Let R be Spearman's rank correlation coefficient between X and Y. Then

- (a) R = 1      (b) R = -1      (c) R = 0      (d) R = 0.875

Q.20. Suppose the random variable X has the probability distribution,

$$f(x) = Kx, \quad 0 \leq x \leq \sqrt{\frac{2}{K}}$$

$$= 0, \quad \text{otherwise.}$$

If mode of this distribution is at  $x = \sqrt{\frac{2}{4}}$ , then K must be

- (a) 4      (b) 16      (c) 8      (d)  $\frac{\sqrt{2}}{4}$

Q.21. In a certain frequency distribution the sum of upper and lower quartiles is 45 and the difference between them is 15. If the median is 20 then coefficient of skewness is

- (a)  $\frac{1}{3}$       (b)  $\frac{2}{3}$       (c)  $\frac{1}{2}$       (d)  $\frac{1}{4}$

Q.22. Following table gives the marks of 7 students in Statistics.

Student	A	B	C	D	E	F	G
Marks	52	54	57	58	59	55	92

Which one of the following measures of central tendency will be more appropriate for the above data.

- (a) arithmetic mean

- (b) mode

- (c) median

- (d) none of these

Q.23. In a certain city, 40% of car drivers are teenagers and 60% of car drivers are adults. Suppose the probability of causing that an adult driver causes an accident is 0.3 and that for teenager driver is 0.4. Given that a car accident has occurred, the probability that driver is teenager

- (a)  $\frac{16}{14}$       (b)  $\frac{18}{34}$       (c)  $\frac{17}{34}$       (d)  $\frac{16}{16}$

Q.24. A continuous random variable X has following probability distribution

$$(f(x)) = \frac{1}{2} - Ax, \quad 0 < x < 4.$$

Then the value of A must be

- (a)  $\frac{1}{2}$       (b)  $\frac{1}{4}$       (c)  $\frac{1}{8}$       (d)  $\frac{1}{16}$

**Q.1.** From a population of 40 units, a sample of 4 units is drawn. Which of the following statements is true?

- (a) If 6<sup>th</sup> unit is in the sample, then 17<sup>th</sup> unit will be in the sample  
 (b) If 7<sup>th</sup> unit is in the sample, then 39<sup>th</sup> unit will be in the sample  
 - (c) If 5<sup>th</sup> unit is in the sample, then 25<sup>th</sup> unit will be in the sample  
 (d) If 4<sup>th</sup> unit is in the sample, then 21<sup>st</sup> unit will be in the sample

**Q.26.** If the annual trend equation for a time series is  $Y = a + bX$ , then quarterly trend equation is

- (a)  $Y = \frac{a}{4} + \frac{b}{4}X$       (b)  $Y = \frac{a}{4} + \frac{b}{16}X$   
 (c)  $Y = \frac{a}{4} + \frac{b}{32}X$       (d)  $Y = \frac{a}{4} + \frac{b}{48}X$

**Q.27.** Dialing a telephone number, a man forgot the last two digits and remembering only that they are different, dialed them at random. The probability of the number being dialed correctly is

- (a)  $\frac{1}{2}$       (b)  $\frac{1}{45}$       (c)  $\frac{1}{72}$       (d)  $\frac{1}{90}$

**Q.28.** Suppose  $X \sim B(10, 0.4)$ . Then R command to find  $P(X \leq 6)$  is

- (a) dbinom(10, 6, 0.4)      (b) pbinom(6, 10, 0.4)  
 (c) dbinom(6, 10, 0.4)      (d) phantom(10, 6, 0.4)

**Q.29.** An urn contains 4 red, 8 green and 2 yellow balls. Five balls are selected with replacement from the urn. What is the probability that 1 red, 2 green and 2 yellow balls will be selected?

- (a)  $\frac{32}{7^5}$       (b)  $\frac{1920}{7^5}$       (c)  $\frac{960}{7^5}$       (d)  $\frac{15}{512}$

**Q.30.** The joint probability distribution of scores of two batsmen X and Y is given in the following table

Y\Score	15	30	50
X\Score	15	30	50
15	$\frac{1}{18}$	$\frac{2}{18}$	$\frac{2}{18}$
30	$\frac{2}{18}$	$\frac{4}{18}$	$\frac{2}{18}$
50	$\frac{2}{18}$	$\frac{2}{18}$	$\frac{1}{18}$

The probability that the joint contribution of batsmen X and Y cross half century is

- (a)  $\frac{9}{18}$       (b)  $\frac{13}{18}$       (c)  $\frac{5}{18}$       (d)  $\frac{17}{18}$

**Q.2.** A man has a bunch of 10 keys and he does not know which one is the right key to open a lock. He tries keys successively but replaces them back in the bunch without remembering the keys already tried. Then, the expected number of attempts to open the lock is

- (a) 10      (b) 11      (c) 9      (d)  $\infty$

**Q.3.** If X and Y are identically distributed random variables then which of the following is not true.

- (a)  $P(X = 100) = P(Y = 100)$       (b)  $E(X) = E(Y)$  and  $\text{Var}(X) = \text{Var}(Y)$   
 (c)  $X = Y$  (always)      (d) X is not necessarily equal to Y

**Q.4.** Which of the following is FALSE?

- (a) The numbers 3, 3, 3, 3 have a standard deviation of 0.  
 (b) The numbers -3, -4, -5 have the same standard deviation as 103, 104, 105.  
 (c) The standard deviation is a measure of spread around the centre of the data.  
 (d) The numbers 1, 5, 9 have smaller standard deviation than 101, 105, 109.

**Q.5.** If  $\text{Corr}(X, Y) = 0$ , then we conclude that

- (a)  $\bar{X} = \bar{Y}$   
 (b)  $\text{SD}(X) = \text{SD}(Y)$   
 (c) There is no linear relationship between X and Y.  
 (d) There is no relationship between X and Y.

**Q.6.** It is known that X follows Poisson distribution with mean  $\lambda$  and  $P(X=0) > P(X=1)$ . Then

- (a)  $\lambda = 1$       (b)  $\lambda > 1$       (c)  $\lambda < 1$   
 (d) we need more information to say anything about  $\lambda$

**Q.7.** The probability curve of  $N(\mu, \sigma^2)$  distribution has point of inflexions at

- (a)  $x = \mu \pm \sigma$       (b)  $x = \mu \pm \frac{\sigma}{2}$       (c)  $x = \mu \pm 3\sigma$       (d)  $x = \pm \mu$

**Q.8.** Let X be a continuous random variable with distribution function F(X). Then  $P[F(X) \leq \frac{1}{3}]$  is

- (a)  $\frac{1}{3}$       (b)  $\frac{2}{3}$       (c)  $\frac{1}{2}$       (d) cannot be determined

**Q.9.** Let  $X_1, X_2, \dots, X_{15}$  are i.i.d geometric random variables with parameter  $p = 0.4$ . Then mean of  $(\sum_{i=1}^{15} X_i)$  is

- (a)  $\frac{2}{3}$       (b)  $\frac{3}{2}$       (c)  $\frac{45}{2}$       (d) 10

product will be equal to  $1/L$  if the sample mean

Q.26. The moment generating function of  $X$  is given by  $M_X(t) = (1 - 2t)^{-10}$ ,  $t < \frac{1}{2}$ . Then mean and

mode of  $X$  respectively are

(a) 2.0 and 1.8      (b) 5 and 4.5      (c) 10 and 9      (d) 18 and 9

Q.27. Let  $X$  be a uniform,  $U(0, 1)$  random variable then p.d.f. of  $Y = e^X$  is

(a)  $h(y) = y$  ;  $0 < y < \sqrt{2}$   
 $= 0$  ; otherwise

(c)  $h(y) = \frac{1}{y}$  ;  $\frac{1}{e} < y < 1$   
 $= 0$  ; otherwise

(d)  $h(y) = \frac{1}{y}$  ;  $1 < y < \frac{1}{e}$   
 $= 0$  ; otherwise

Q.28. If  $X$  follows Poisson distribution with parameter  $\lambda$  and  $X_T$  follows truncated Poisson

distribution, truncated at zero, then

(a)  $E(X) < E(X_T)$

(b)  $E(X) > E(X_T)$

(c)  $E(X) = E(X_T)$

(d)  $E(X) \leq E(X_T)$

Q.29. If  $y = -3x - 7$  is the line of regression of  $Y$  on  $X$ , then which of the following statements is true.

- a) The  $Y$  intercept is 7.
- b) The slope of the line is 3.
- c) The value of  $y$  is expected to decrease by 3 when  $x$  increases by 4 units.
- d) The value of  $y$  is expected to decrease by 3 units when  $x$  increases by 1 unit.

Q.30. The joint p.d.f. of  $(X, Y)$  is,

$f(x, y) = kxy$  ;  $0 \leq x \leq 1$ ,  $0 \leq y \leq 1$   
 $= 0$  ; otherwise.

Then, the value of  $k$  is

(a) -4      (b)  $\frac{1}{4}$       (c) 1      (d) 4

Q.1. Machine A packs 1600 gm cartons of sugar with mean weight 1640 gm and standard deviation 3.6 gm. Machine B packs 3200 gm cartons of sugar with mean weight 3210 gm and standard deviation 3.6 gm. Which of the following statements is correct?

- (a) Machine A is less consistent than machine B.
- (b) Machine B is less consistent than machine A.
- (c) Two machines are equally consistent.
- (d) It is impossible to compare the two machines.

Q.2. It is given that  $P(AUB) = 0.8$  and  $P(AUB') = 0.6$ . Then,  $P(A)$  is

- (a) 0.8
- (b) 0.4
- (c) 0.2
- (d) cannot be determined.

Q.3. In the time series analysis, the method of moving average is used to estimate

- (a) Seasonal variations
- (b) Cyclical variations
- (c) Irregular variations
- (d) Trend

Q.4. Let  $X$  be a degenerate random variable such that  $P(X = 2) = 1$ . Then which of the following statements is true.

- (a)  $E(X) = 1$ ,  $\text{Var}(X) = 2$
- (b)  $E(X) = 2$ ,  $\text{Var}(X) = 1$
- (c)  $E(X) = 2$ ,  $\text{Var}(X) = 0$
- (d)  $E(X) = 2$ , Variance does not exist.

Q.5. Suppose  $X$  and  $Y$  are independent random variables with common distribution  $N(\mu, \sigma^2)$ . Then  $E(X+Y)$  equals

- (a)  $2\sigma^2 + 2\mu^2$
- (b)  $4\sigma^2 + 4\mu^2$
- (c)  $2\sigma^2 + 4\mu^2$
- (d)  $4\sigma^2 + \mu^2$

Q.6. A continuous random variable  $X$  has following probability distribution

- (a)  $f(x) = \frac{A}{\sqrt{x}}$  ;  $0 < x < 4$
- (b)  $f(x) = 0$  ; otherwise

Then the value of  $A$  must be

- (a) 1
- (b)  $\sqrt{2}$
- (c)  $\frac{1}{2}$
- (d)  $\frac{1}{4}$

Q.7. Let  $X$  and  $Y$  be independent and identically distributed random variables with moment generating function  $M(t) = E(e^{tX})$ ,  $-\infty < t < \infty$ . Then  $E\left[\frac{e^{tX}}{e^{tY}}\right]$  equals

- (a)  $\frac{M(t)}{M(-t)}$
- (b)  $(M(t))^2$
- (c)  $M(t) M(-t)$
- (d) 1

Q.8. Which of the following cannot be support of a discrete random variable?

- (a)  $S = \{x \mid x$  is natural number
- (b)  $S = \{\frac{x}{2} \mid x$  is natural number
- (c)  $S = \{x \mid x$  is real number
- (d)  $S = \{x \mid x$  is natural number

Q.9. If  $X$  is standard normal variate then the probability distribution of  $\frac{X^2}{2}$  is

- (a)  $G\left(\frac{1}{2}, \frac{1}{2}\right)$
- (b)  $G\left(1, \frac{1}{2}\right)$
- (c)  $G\left(\frac{1}{2}, 1\right)$
- (d)  $G\left(\frac{1}{4}, \frac{1}{2}\right)$

Q.10. Lengths of 10 bars were measured. The average length and the median of these measurements were 20 cm and 18 cm respectively. Later on it was found that the length of the smallest bar was of 10 cm but was recorded as 11. Then the new average and median respectively are

- a) 20.1 and 17      (b) 19.9 and 18      (c) 19.9 and 17      (d) 20.1 and 19

Q.11. Suppose  $X \sim B(10, 0.6)$ . Then R command to find  $P(X = 6)$

- (a)  $dbinom(10, 6, 0.4)$       (b)  $pbinom(6, 10, 0.6)$   
 (c)  $pbinom(6, 10, 0.4)$       (d)  $dbinom(6, 10, 0.6)$

Q.12. Karl Pearson's coefficient of skewness of a frequency distribution is 0.32, its standard deviation is 6.5 and mean is 29.6. Which of the following could be possible values for mode and median of the distribution?

- (a) (27.52, 28.91)      (b) (27.23, 26.92)      (c) (26.34, 25.67)      (d) (30.92, 36.91)

Q.13. A telephone operator receives 25 calls on average per hour. What is the probability that in two consecutive five minute intervals she receives no call at all?

- (a)  $\exp(-\frac{1}{5})$       (b)  $\exp(-\frac{25}{6})$       (c)  $25\exp(-\frac{25}{6})$       (d)  $25\exp(-\frac{1}{5})$

Q.14. A student is asked to match three historical events with three years. The student has no knowledge about the events and completely guesses his answers. Let  $X$  denote number of correct guesses of the student's, then  $P(X = 2)$  is

- (a) 0      (b)  $\frac{2}{6}$       (c)  $\binom{3}{2} \left(\frac{1}{3}\right)^2$       (d)  $\binom{3}{2} \left(\frac{1}{3}\right)^2 \left(\frac{2}{3}\right)^1$

Q.15. A family is selected at random from families of size 5 each having at least one graduate. Probability that a member in any family is graduate is 0.3. Let  $X$  denote no of graduates in the selected family, then the probability distribution of  $X$  is

- (a) Binomial( $n = 5, p = 0.3$ )      (b) Truncated binomial( $n = 5, p = 0.3$ )  
 (c) Poisson( $\lambda = 1.5$ )      (d) Truncated Poisson( $\lambda = 1.5$ )

Q.16. Let  $x_1, x_2, \dots, x_n$  be positive integers such that their product is  $n^n$ . Then  $\sum_{i=1}^n x_i$  is

- (a) equal to  $n$       (b) less than or equal to  $n^2$   
 (c) greater than or equal to  $n^2$       (d) less than or equal to  $n^n$

Q.17. A random variable  $X$  takes two values, 0 and 1, with  $P(X = 0) = 0.4$ , then  $10^{\text{th}}$  raw moment of  $X^2$  is

- (a) 0.4      (b) 0.6      (c)  $(0.4)^{10}$       (d)  $(0.6)^{10}$

Q.18. The standard deviation of  $n$  observations  $(x_1, x_2, \dots, x_n)$  is 2. If  $\sum_{i=1}^{10} x_i = 20$  and  $\sum_{i=1}^{10} x_i^2 = 100$ , then  $n$  is

- (a) 10 or 20      (b) 5 or 10      (c) 5 or 20      (d) 5 or 15

Q.19. A box contains 10 white marbles and 15 black marbles. Ten marbles are drawn at random with replacement. Then the probability that  $x$  of these are white in colour ( $x = 0, 1, \dots, 10$ ) is given by

- (a)  $\binom{10}{x} \left(\frac{2}{5}\right)^x \left(\frac{3}{5}\right)^{10-x}$       (b)  $\frac{\binom{10}{x} \binom{15}{10-x}}{\binom{25}{10}}$   
 (c)  $\binom{10}{x} \left(\frac{2}{5}\right)^x \left(\frac{3}{5}\right)^{10-x}$       (d)  $\binom{10}{x} \left(\frac{2}{3}\right)^x \left(\frac{1}{3}\right)^{10-x}$

Q.20. Let  $X_1, X_2, \dots, X_{10}$  be a random sample from  $N(30, 100)$  and  $Y_1, Y_2, \dots, Y_{10}$  be a random sample from  $N(20, 25)$ . Assuming two samples are independent, then mean and variance of  $(\bar{X} - \bar{Y})$  is

- (a) -10 and 7.5      (b) 10 and 7.5      (c) 10 and 75      (d) 10 and 125

Q.21. If  $X = (X_1, X_2, \dots, X_k) \sim MD(n, p_1, p_2, \dots, p_k)$ , then which of the following statements is not true

- (a)  $\text{Cov}(X_i, X_j) = -np_i p_j$   
 (b)  $\text{Corr}(X_i, X_j) = -\sqrt{\frac{np_i p_j}{np_i + np_j}}$

- (c) The marginal distribution of  $X_i$  given  $X_j = x_j$  is  $B\left(n - x_j, \frac{p_j}{1-p_j}\right)$

- (d) The conditional distribution of  $X_i$  given  $X_j = x_j$  is  $B\left(n - x_j, \frac{p_j}{1-p_j}\right)$

Q.22. Bob is a high school basketball player. He is 70% free throw shooter, that means his probability of making a free throw is 0.70. What is the probability that Bob makes his 3<sup>rd</sup> free throw on his 7<sup>th</sup> shot?

- (a)  $\binom{7}{4} (0.7)^3 (0.3)^4$       (b)  $\binom{6}{4} (0.7)^3 (0.3)^4$   
 (c)  $\binom{7}{4} (0.7)^4 (0.3)^3$       (d)  $\binom{6}{4} (0.7)^4 (0.3)^3$

Q.23. A random variable  $X$  has an exponential distribution with p.d.f.,

$$f(x) = 0.2e^{-0.2x}, \quad x \geq 0$$

= 0 , otherwise.

Then  $P[X > 9 | X > 3]$  is

- (a)  $e^{-1.2}$       (b)  $e^{-1.9}$       (c)  $e^{-0.6}$       (d)  $e^{-0.3}$

Q.24. If  $Y = aX + 3$  and  $X = 2Y + 6$  are the regression lines of  $Y$  on  $X$  and  $X$  on  $Y$  respectively, then which of the following is correct.

- (a)  $0.5 \leq a \leq 1$       (b)  $0 \leq a \leq 0.5$       (c)  $0.5 \leq a \leq 0.7$       (d)  $-0.5 \leq a \leq 0$

Q.25. If  $F(x)$  is distribution function of continuous random variable and  $x_1 < x_2$ , then

- (a)  $F(x_1) < F(x_2)$       (b)  $F(x_2) < F(x_1)$       (c)  $F(x_1) \leq F(x_2)$       (d)  $F(x_1) \geq F(x_2)$

Seat No.:

Name of candidate:  
Name of College:

ANSWERSHEET:

Q.1	A	B	C	D
Q.2	A	B	C	D
Q.3	A	B	C	D
Q.4	A	B	C	D
Q.5	A	B	C	D
Q.6	A	B	C	D
Q.7	A	B	C	D
Q.8	A	B	C	D
Q.9	A	B	C	D
Q.10	A	B	C	D
Q.11	A	B	C	D
Q.12	A	B	C	D
Q.13	A	B	C	D
Q.14	A	B	C	D
Q.15	A	B	C	D
Q.16	A	B	C	D
Q.17	A	B	C	D
Q.18	A	B	C	D
Q.19	A	B	C	D
Q.20	A	B	C	D
Q.21	A	B	C	D
Q.22	A	B	C	D
Q.23	A	B	C	D
Q.24	A	B	C	D
Q.25	A	B	C	D
Q.26	A	B	C	D
Q.27	A	B	C	D
Q.28	A	B	C	D
Q.29	A	B	C	D
Q.30	A	B	C	D

Marks Obtained (Out of 60):

Name of Examiner:

Signature of Examiner:

Q.1 What is the level of measurement for the following variables:

- I. Number of hours worked per week  
III. Shoe size

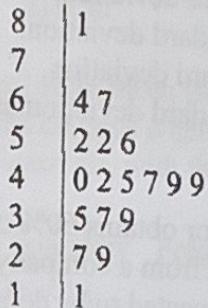
- II. Distance traveled to work  
IV. Make and model of a vehicle

- a) Ratio, Ratio, Interval and Nominal scales  
b) Interval, Ordinal, Interval and Ratio scales  
c) Ratio, Interval, Interval and Nominal scales  
d) Interval, Ratio, Interval and Nominal scales

Q.2 At a business conference, one participant was selected to give a presentation. There were 15 total participants. Seven had business degree and eight did not. Five were entrepreneurs and ten were not. Two of those with business degrees were entrepreneurs. What is the probability that the person selected will have a business degree or be an entrepreneur?

- a)  $1/3$   
b)  $2/15$   
c)  $2/3$   
d)  $12/15$

Q.3 The stem plot below shows the number of hot dogs eaten by contestants in recent hot dog eating contest.



Which of the following statements are true?

- I. The range is 70.  
II. The median is 46.  
III. The mode is 81.

- a) I only  
b) II only  
c) III only  
d) I and II

Q.4 The average salary for an employee at Acme Corporation is Rs.30000 per year. This year, management awards the following bonuses to every employee.

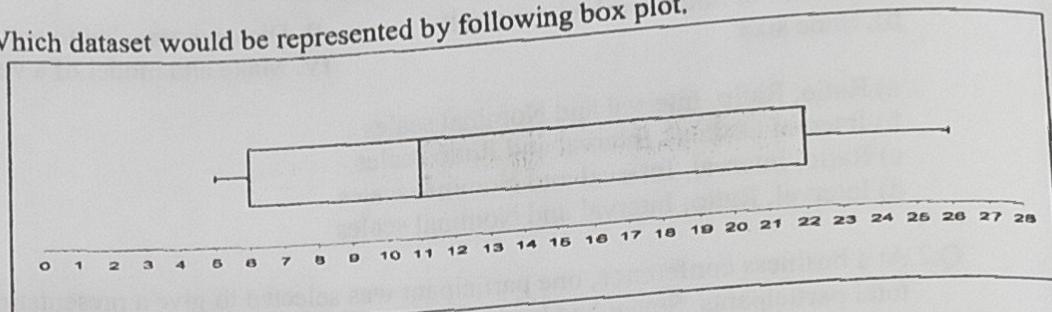
A Christmas bonus of Rs.500.

An incentive bonus equal to 10 percent of the employee's salary.

What is the mean bonus received by employees?

- a) Rs.500  
b) Rs.3,500  
c) Rs.3,000  
d) There is not enough information to answer this question.

Q.5 Which dataset would be represented by following box plot.



- a) 5,6,7,8,9,10,11,13,16,18,20,21,22,23,26.
- b) 5,5,5,5,7,7,9,10,10,11,11,13,20,21,26.
- c) 5,5,5,6,8,9,11,11,15,16,18,22,25,25,26.
- d) 5,6,7,8,9,9,10,11,12,14,16,20,21,24,26.

Q.6. Increasing the frequencies in the tails of a distribution will:

- a) Reduce the standard deviation.
- b) Not affect the standard deviation.
- c) Increase the standard deviation.
- d) Not affect the standard deviation as long as the increases are balanced on each side of the mean.

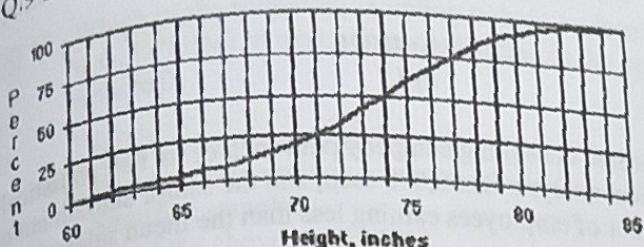
Q.7 A plumbing contractor obtains 60% of her boiler circulators from a company whose defect rate is 0.005, and the rest from a company whose defect rate is 0.010. What proportion of the circulators can be expected to be defective?

- a) 0.0070
- b) 0.0075
- c) 0.0025
- d) 0.015

Q.8 A study testing the effect of caffeine on mental performance invited 100 participants for an experiment. The participants were selected randomly. 25 people were selected from men who did not drink coffee. 25 were selected from women who did not drink coffee. 25 were selected from men who regularly drank coffee, 25 from women who regularly drank coffee. What type of sampling method is this?

- a) Simple random sampling
- b) Stratified random sampling
- c) Systematic sampling
- d) Convenience sampling

Q.9 Below, the cumulative frequency plot shows height (in inches) of college basketball players.



What is the interquartile range?

- a) 3 inches
- b) 6 inches
- c) 25 inches
- d) 50 inches

Q.10 There are 10 horses in a herd. Four are males and six are females. Six of the horses are brown with the remaining four are white. One male horse is white and three female horses are brown. A horse is randomly selected from the herd. Given that the horse is brown, what is the probability that a horse is a male?

- a) 0.25
- b) 0.10
- c) 0.40
- d) 0.50

Q.11 The following measurements (in mm) were taken (to a very high degree of accuracy) for the expansion of sections of railway track on days when the temperature exceeded 35°C. They were distributed into the following intervals, with the indicated frequencies.

Cell boundary	Frequency
0 to <0.1	3
0.1 to <0.2	5
0.2 to <0.3	10
0.3 to <0.4	8
0.4 to <0.5	6
0.5 to <0.6	4
0.6 to <0.7	3
0.7 to <0.8	2

How would you describe the above distribution?

- a) Negatively skewed
- b) Positively skewed
- c) Symmetrical
- d) Uniform

Q.12 How many different vertical arrangements are there of 15 flags if 7 are white, 5 are blue and 3 are red?

- a) 360360      b) 40320  
c) 3628800      d) 15

Q.13 Last year a small statistical consulting company paid each of its five statistical clerks Rs.22,000, two statistical analysts Rs.50,000 each, and the senior statistician/owner Rs.2,70,000. The number of employees earning less than the mean salary is:

- a) 0      b) 4  
c) 5      d) 7

Q.14 Consider the following information about wrestling:

Wrestling	Yes	No
Men	30	20
Women	0	50

What is your observation on the attributes wrestling & sex?

- a) Not associated      b) Associated  
c) Independent      d) None of the above

Q.15 How often does the Census Bureau take a complete population count?

- a) Every year  
b) Every five years  
c) Every ten years  
d) Twice a year

Q.16 A person plays a game of tossing a coin thrice. For each head, he is given Rs. 2 by the organizer of the game and for each tail, he has to give Rs.1.50 to the organizer. Let X denote the amount gained or lost by the person. X is a random variable. What is the range of X, i.e. what are the possible values it can take?

- a) {1, 2.5, -4.5, 6}  
b) {-1, 2.5, -4.5, 6}  
c) {1, 2.5, 4.5, 6}  
d) {-1, -2.5, -4.5, 6}

Q.17 Which of the following sampling techniques is an equal probability selection method (i.e., EPSEM) in which every individual in the population has an equal chance of being selected?

- a) Simple random sampling
- b) Systematic sampling
- c) Stratified sampling
- d) All of the above are EPSEM

Q.18 A discrete probability distribution may be represented by

- a) A table
- b) Graph
- c) Mathematical equation
- d) All

Q.19 The following table shows the mean salaries of employees of two companies

Company	A	B
Mean Salary (Rs.)	8000	7000

If an employee having salary Rs.7000 in company B leaves the company and joins company A with a new salary Rs.8000, what are the effects on the mean and the standard deviation of the salaries of the employees of companies A?

Mean	Standard deviation
a) Increased	Increased
b) Unchanged	Increased
c) Unchanged	Decreased
d) Decreased	Unchanged

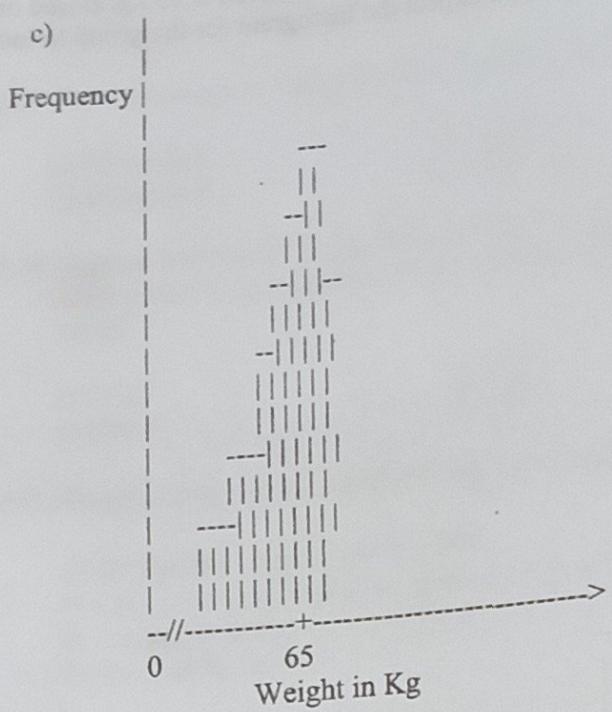
Q.20 Suppose you buy a lottery ticket. You can either win dollar (with probability) or win nothing (with probability). The amount you win is a random variable and it has a

- a) Uniform distribution
- b) Bernoulli distribution
- c) Binomial distribution
- d) Hypergeometric distribution

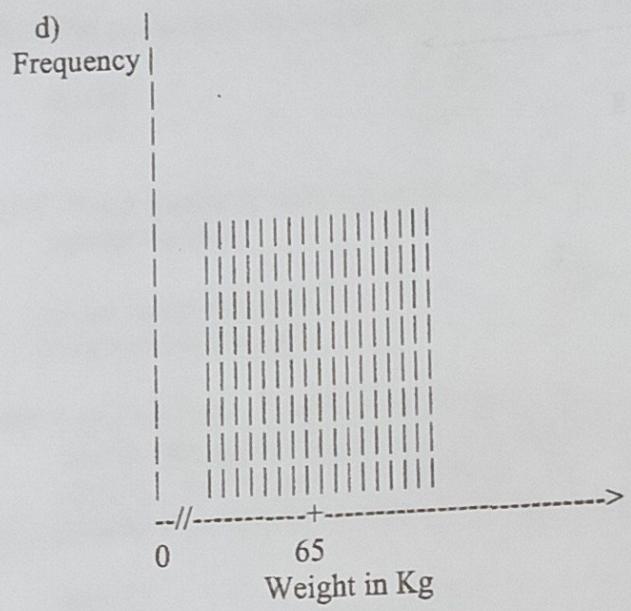
Q.21 On the same test, Ram scored at the 87<sup>th</sup> percentile, and Sham scored at the 73<sup>rd</sup>. This means

- a) Ram is 14% better than Sham.
- b) Ram scored 14 more points than Sham.
- c) 14% of those taking the test got scores ranging between Ram's and Sham's.
- d) There were only 13 people smarter than both Ram and Sham.

c)



d)



1. First and third quartiles of a frequency distribution are 30 and 75. Also its coefficient of skewness is 0.6. The median of the frequency distribution is:

a) 40

c)39

b) 38

d) 41

Which of the following sentences is false?

2.

  - a) The numbers 4,5,6,7 have the same S.D. as the numbers 1231,1232,1233,1234
  - b) The numbers 1,5,7,9 have the smaller S.D. than the numbers 1231,1235,1237,1239
  - c) The numbers 1,5,6,10 have the larger S.D. than the numbers 1231,1232,1233,1234
  - d) The numbers 1,2,9,10 have the smaller S.D. as the numbers 1231,1235,1239,1240

3. If the first 25 per cent observations of a series are 20 or less and last 25 percent observations of series are 50 or more, then the quartile deviation (semi interquartile range) is:

a125

c)35

b) 15

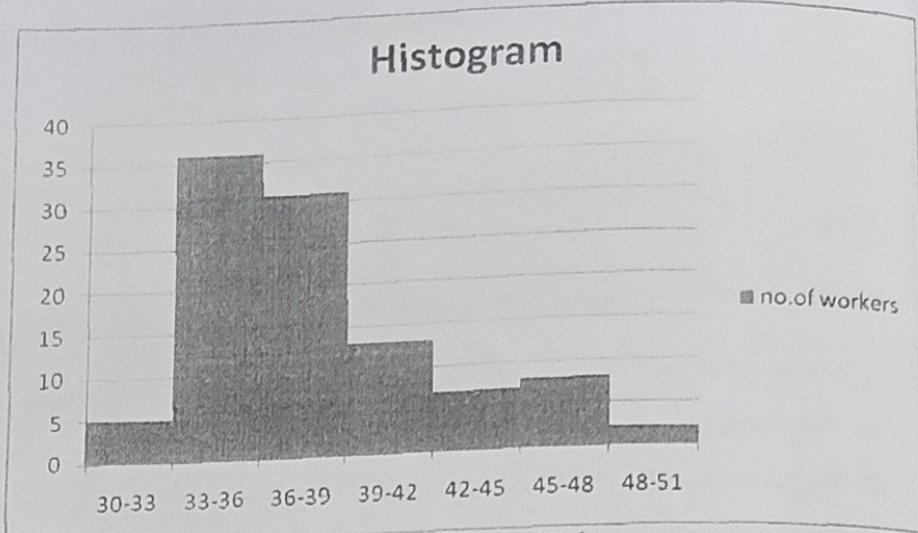
d)30

The following frequency

hours worked per week:

distribution gives the number of

Hours worked per week	No. of workers.
30-33	5
33-36	36
36-39	31
39-42	13
42-45	7
45-48	8
48-51	2



From the histogram the above data is best described as:

- a) unimodal and negatively skewed      c) bimodal and asymmetric
  - b) unimodal and positively skewed      d) symmetric
5. If the mean, median and mode of a distribution are 5, 6, 7 respectively then the distribution is :
- a) Symmetric      c) skewed negatively
  - b) skewed positively      d) bimodal
6. The variance of first  $n$  natural numbers is:
- a)  $(n^2+1)/12$       c)  $(n+1)^2/12$
  - b)  $(n^2-1)/12$       d)  $(2n^2-1)/8$
7. Let the correlation coefficient between two variables X and Y be unity. Then the relation between the regression coefficients  $b_{XY}$  and  $b_{YX}$  is:
- a)  $b_{YX} > b_{XY}$       c)  $b_{XY} > b_{YX}$
  - b)  $b_{XY} + b_{YX} = 1$       d)  $b_{XY} \cdot b_{YX} = 1$

8. A batch of B.Sc. students met after 10 years in a get together function. All the students from the batch were present in the function. Which of the following statement is incorrect regarding the distributions of ages of students of this batch after 10 years.

- a) The third quartile will increase by 10.
- b) The range will increase by 10.
- c) The mean will increase by 10.
- d) The largest observation will increase by 10.

9. Distribution of ages of college students has mean 18 years and S.D. 3. The unit of measurement of S.D is :

- a) years
- b) Nothing, it's a pure number and no units are needed
- c)  $\text{years}^2$
- d) Square root of years.

10. When the distribution is symmetric and unimodal, the value indicated by highest point on the frequency curve is :

- a) frequency
- b) mode
- c) median
- d) mean

11. Decide without calculations which set has the largest variability (all sets have the same mean namely 52).

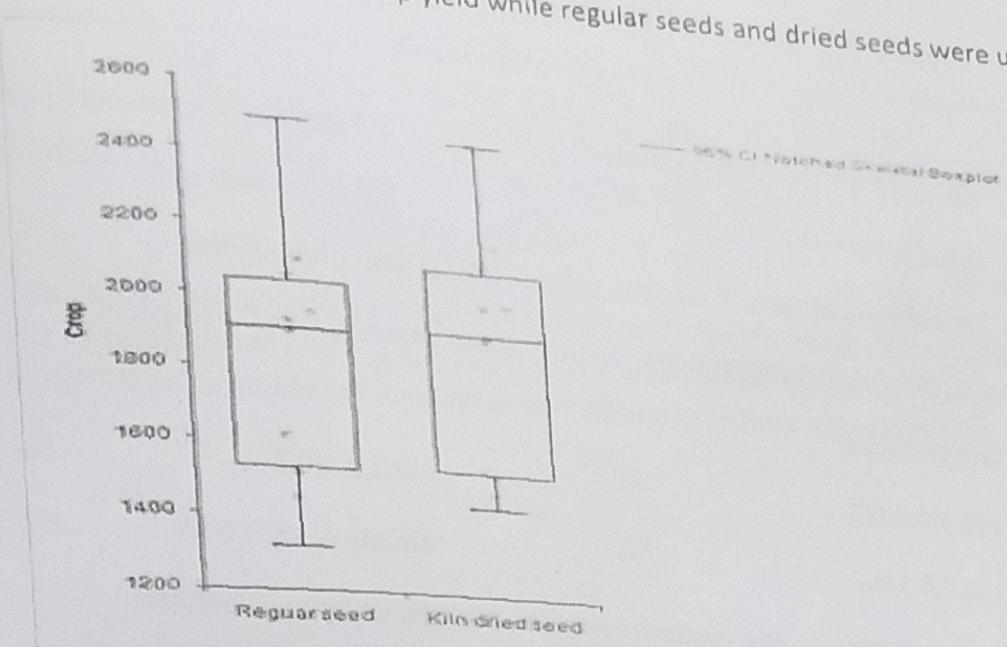
- a) 42, 42, 52, 62, 62.
- b) 42, 47, 52, 57, 62.
- c) 42, 45, 52, 64, 62.
- d) 42, 55, 52, 53, 62.

12. If you are told that the population has a mean 25 and variance zero what will be your conclusion?

- a) There is a mistake in caculations
- b) all elements in the population are 25
- c) there are no elements in the population
- d) No conclusions can be drawn.

15. A study was conducted to examine the quality of fish after seven days in ice storage.  
For this study ;  
 $Y$ = measurement of fish quality (on a 10 point scale with 10=BEST)  
 $X$ = number of hours between catching fish and packing it in ice.  
The simple linear regression line is  $Y=8.5-0.5X$ . From this we can say that  
a) ) A one hour delay in packing the fish in ice decreases the estimated quality by 0.5  
b) A one hour delay in packing the fish in ice increases the estimated quality by 0.5  
c) If the estimated quality increases by 1 the fish have been packed in ice two hours later  
d) Cannot really say until we see a plot of the data.

16. Following is a boxplot for crop yield while regular seeds and dried seeds were used



- a) median crop yield for both kinds of seeds is same.
- b) There is about the same amount of data from 1600-1800 for regular seeds as there is from 1800-2000 for kiln dried seeds
- c) There are no data values at 1700.
- d) 75% of the crop yield are below 2000 for regular seed.

17. What is the probability that a value chosen at random from a particular population is larger than the median of the population?

- a) 0.25
- b) 0.5
- c) 1.0
- d) 0.67

18. Random variable X takes the values 1, 2, 3. With  $P(X=1)=0.2$  and  $E(X)=2.2$  then  $P(X=2)$  is:

- a) 0.5
- b) 0.1
- c) 0.3
- d) 0.4

19. Suppose  $P(E) = 0.6$ ,  $P(E | F) = 1$  Then:

- a) E and F are mutually exclusive      c) E and F are independent events  
b) E is subset of F      d) F is a subset of E

20. Let random variable X take the values -1, 0, 1, 2 with probabilities

0.2, 0.4, 0.1, 0.3 respectively. Then  $X^2$  takes values 0, 1, 4 with respective

Probabilities:

- a) 0.4, 0.3, 0.3      c) 0.3, 0.4, 0.3  
b) 0.4, 0.1, 0.3      d) none of the above

21. If X and Y are any two random variables then the covariance between

$aX+b, cY+d$  is given by:

- a)  $\text{COV}(X, Y)$       c)  $abcd\text{COV}(X, Y)$   
b)  $ac\text{COV}(X, Y)$       d)  $ac\text{COV}(X, Y)+bd$

22. Suppose X takes the values 1, 4, 9, 16, ..., 100 with equal probabilities then

- a)  $E(X)=38.5$       c)  $E(X)=50.5$   
b)  $E(X)=385$       d)  $E(X)=50$

23. Which of the following are mutually exclusive events in the drawing of one card from a standard deck of 52 cards?

- a) a heart and a queen card      c) an even number and a spade  
b) a club and a red card      d) an ace and an even number

24. If X is a random variable with  $P(X=k) = pq^{k-1}$ ,  $k=1, 2, \dots$ . Then  $P(X=6)$  is:

- a) p      c)  $pq^5$   
b) q      d) none of the above

25. If  $P(A)=0.7$ ,  $P(B)=0.8$  then the most appropriate lower and upper possible value of  $P(AB)$  is:

- a)  $(0, 1)$       c)  $(0, 0.7)$   
b)  $(0.5, 0.7)$       d)  $(0, 0.8)$

26. Last year a small statistical consulting company paid five statistical clerks Rs.22,000 each, two statistical analysts Rs.50,000 each and the senior statistician/owner Rs.2,70,000. The number of employees earning less than the mean salary is:

- a) 0      c) 4  
b) 5      d) 7

27. The line of regression of  $Y$  on  $X$  is given by  $Y=1.6X-2.5$ . The variables are transformed as  $U=2X$  and  $V=Y$ . The line of regression of  $V$  on  $U$  will be

- a)  $V=3.2U-2.5$       c)  $V=1.6U-1.25$   
b)  $V=1.6U-2.5$       d)  $V=0.8U-2.5$

28. Let  $X$  be a discrete random variable with  $E(X) = 0$  and probability mass function with two missing probabilities given below:

$X$	3	-1	0	1	2
$P(x)$	0.1	--	--	0.2	0.2

The missing probabilities

- a)  $P[X=-1]=0.2$  and  $P[x=0]=0.3$   
b)  $P[X=-1]=0.3$  and  $P[x=0]=0.2$   
c)  $P[X=-1]=0.3$  and  $P[x=0]=0$   
d) Cannot be determined from the given information.

29. Let  $P(A) = 0.2$  and  $P(B) = 0.9$ , which of the following statement is possible?
- a)  $A$  is subset of  $B$
- b)  $A \cap B = \emptyset$
- c)  $A \cup B = \Omega$
- d)  $B$  is subset of  $A$
30. Let  $E$  and  $F$  Be two events with  $E$  is subset of  $F$ . Let  $P(E) = 0.3$  and  $P(F) = 0.7$ . Then  $P(E \cup F)$  and  $P(E \cap F)$  respectively are:
- a) 1 and 0.3
- b) 0.7 and 0.3
- c) 0.7 and 0.21
- d) 1 and 0.4
- \*\*\*\*\*

संख्याशास्त्र विभाग  
तुळजाराम चतुरचंद महाविद्यालय,  
वारामती.  
दि. २०/०१/२०२०

प्रति,  
प्रा. ए. आर. देकर  
Co-ordinator  
PUSA Activities

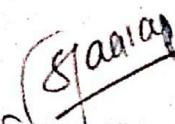
दिनांक १७ जानेवारी २०२० रोजी आमच्या महाविद्यालयात Statistics Quiz घेण्यात आली. Quiz ला बसलेले विद्यार्थी खालीलप्रमाणे

वर्ग	विद्यार्थी संख्या
एफ.वाय.बी.एस्सी.	१४०
एफ.वाय.बी.एस्सी. (संगणकशास्त्र)	११८
एस.वाय.बी.एस्सी.	९४
एकूण	३५२

सोबत  $352 \times ०५ = १७६०/-$  रु. पाठवित आहे त्याचा स्विकार क्वावा व पोच द्यावी ही विनंती.

कळावे,

आपला विश्वासू

(८)   
(डॉ. अविनाश एस. जगताप)

संख्याशास्त्र विभागप्रमुख  
तुळजाराम चतुरचंद महाविद्यालय, वारामती

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Dr. Avinash S. Jagtap  
Date: 27/01/2021

To,  
Principal  
Tuljaram Chaturchand College,  
of Arts, Science and Commerce, Baramati  
Autonomous.

Subject: - About Organization of Statistics Quiz Competition Activities.....

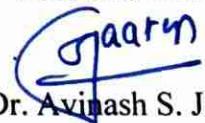
Respected Sir,

Department of Statistics wish to organize under Departmental Activities 2020-21 namely Statistics Quiz Competition for F. Y. B. Sc. & S. Y. B. Sc. students on 29/01/2021 above mentioned Activities.

So please allow to organize the same.

Thanking You

Your s faithfully

  
Dr. Avinash S. Jagtap  
Head  
Department Statistics

*Allowed*

*Off*  
*27/01/2021*

अनेकान्त एज्युकेशन सोसायटीचे,  
**तुळजाराम चतुरचंद महाविद्यालय, बारामती**  
**(कला, शास्त्र आणि वाणिज्य)**  
**(स्वायत्त महाविद्यालय)**  
**संख्याशास्त्र विभाग**

**नोटीस**

दिनांक : २८/०१/२०२१

संख्याशास्त्र विभागातील विद्यार्थ्यांना सुचित करण्यात येते की संख्याशास्त्र विभागातर्फे स्टॅटिस्टिक्स कवीझू या स्पर्धाचे आयोजन करण्यात येत आहे. तरी सर्व विद्यार्थ्यांनी सदर स्पर्धेसाठी उस्फुर्तपणे सहभाग घ्यावा.

दिनांक वेळ	स्पर्धेचे नाव	वर्ग	समन्वयक
२९/०१/२०२१ सकाळी १०.३० ते ११.३० पर्यंत	Statistics Quiz	F. Y. B. Sc. & S. Y. B. Sc.	Dr. N. K. Dhane
२९/०१/२०२१ सकाळी १० ते ११ पर्यंत	Statistics Quiz	S. Y. B. Sc.	Dr. N. K. Dhane

वरील स्पर्धामध्ये सहभागी होण्यासाठी संख्याशास्त्र विभागामध्ये प्रा. स्वामी सर यांच्याकडे नावे नोंदवावीत.

**स्पर्धेचे ठिकाण: संख्याशास्त्र विभाग**



संख्याशास्त्र विभागप्रमुख

**Anekant Education Society's  
Tuljaram Chaturchand College of Arts, Science and Commerce Baramati.  
(Autonomous)  
Department of Statistics  
STATISTICS QUIZ REPORT**

Venue: Department of Statistics

Date: 30/01/2021

In the academic year 2020-21, following activities were conducted by the Department of Statistics.

### **1. STATISTICS QUIZ**

Department of Statistics organized Statistics Quiz on 29/01/2021 for various classes viz. F.Y.B.Sc., S.Y.B.Sc. Total 211 Students participated in this statistics quiz. Following are the details of winner of this activity.

➤ Result of Statistics Quiz is as follows

1. Jambhulkar Bharat Arjan ( F.Y.B.Sc)- First Rank
2. Jadhav Girish Rajendra ( F.Y.B.Sc)- Second Rank
3. Jain Shruti Ratnappa ( F.Y.B.Sc)- Third Rank
4. Shitole Priti (S.Y.B.Sc)- First Rank
5. Jagtap Suraj Ramchandr (S.Y.B.Sc)- Second Rank
6. Inamdar Moin Riyaj (S.Y.B.Sc) -Third Rank

Your s faithfully

  
Dr. Avinash S. Jagtap

Head

Department Statistics

FYBSC Statistics Quiz Jan 2021				
Sr.No.	Timestamp	Score	Name	Roll Number
1	01-29-2021 11:29:24	56	Bharat Arjun Jambulkar	8756
2	01-29-2021 11:30:42	51	Jadhav Girish Rajendra	8751
3	01-29-2021 11:30:17	50	Jain Shruti Ratnappa	8769
4	01-29-2021 11:30:09	50	jadhav vishawjeet valmik	8793
5	01-29-2021 11:29:01	50	Hole Dhanashree Sandip	8809
6	01-29-2021 11:24:26	49	Pallavi anil hange	9176
7	01-29-2021 11:26:22	49	Jagtap Kunal Gajanan	8813
8	01-29-2021 11:27:28	49	Aniket balaso bondre	9087
9	01-29-2021 11:30:03	49	MAGAR ADITYA PRAKASH	9112
10	01-29-2021 11:30:23	48	Taware Om Vaibhav	8807
11	01-29-2021 11:30:39	48	Raut Tanuja Santosh	8810
12	01-29-2029 11:30:02	48	More Rahul Sanjay	9095
13	01-29-2021 11:28:58	47	Komkar Rohan Rahul	8767
14	01-29-2021 11:16:21	46	Nisha Dada Hole	9153
15	01-29-2021 11:29:01	46	Zende Vinay Rajendra	9175
16	01-29-2021 11:24:34	45	Jadhav Reshma Rajendra	8798
17	01-29-2021 11:28:22	45	Pawar mayur vasant	8752
18	01-29-2021 11:29:45	45	Dombe suyash shekhar	9592
19	01-29-2021 11:30:18	45	Shinde Rutuja Nanaso	8808
20	01-29-2021 11:29:41	45	Deshmukhe mansi tukaram	8765
21	01-29-2021 11:30:30	45	Mane prerana maruti	9128
22	01-29-2021 11:30:56	44	Jadhav Dnyaneshwari Yogesh	8753
23	01-29-2021 11:29:57	44	Bhandare Vivek Santosh	9069
24	01-29-2021 11:23:44	43	Waghmode Mayuri Rajendra	9148
25	01-29-2021 11:30:30	43	Wagh Aniket Sureshrao	9051
26	01-29-2021 11:16:12	42	Giramkar Ramesh vitthal	8799
27	01-29-2021 11:26:55	42	Naik Srushti Dhananjay	8791
28	01-29-2021 11:28:57	42	More Bhakti Balasaheb	9103
29	01-29-2021 11:29:26	42	Kate Harshvardhan Kalyan	8822
30	01-29-2029 11:30:02	42	Satyajit Bhagwat Bhosale	9169
31	01-29-2021 11:29:15	41	Ranmode snehal Sanjay	8803
32	01-29-2021 11:30:10	41	Thorat Sunayana Bhagwan	8802
33	01-29-2021 11:30:28	41	Sorate Aditya Subhash	9078
34	01-29-2021 11:29:08	40	Gawade prathmesh rohidas	9075
35	01-29-2021 11:29:19	40	Mane Ajay Appa	9097
36	01-29-2021 11:29:21	40	Zagade Megha Bharat	8770
37	01-29-2021 11:30:52	40	Pawar Sanket Dattatray	9143
38	01-29-2021 11:28:00	40	Godase vaishnavi Balkrushna	9142
39	01-29-2021 11:28:23	40	Waghmode ankita tatyaso	9591
40	01-29-2021 11:30:03	40	Ransing Ganesh Subhash	9151
41	01-29-2021 11:30:29	40	Bansode Bhushan Raju	8764
42	01-29-2021 11:30:29	40	Shinde Monika Rajendra	9300
43	01-29-2021 11:20:46	39	Bhosale prathamesh Prakash	9132
44	01-29-2021 11:25:58	39	Manoj sanjay bhapkar	8823
45	01-29-2021 11:26:12	39	Kshirsagar Rutuja Satyavan	9096
46	01-29-2021 11:28:28	39	Suryawanshi Ajay popat	8787
47	01-29-2021 11:28:28	39	Jagtap Vaibhavi ramdas	8816

48	01-29-2021 11:28:46	39	AYUSH SANJAY MANKE.	9110
49	01-29-2021 11:30:36	39	HIVARKAR SNEHA TATYASO	9077
50	01-29-2021 11:30:36	39	Jadhav amar suresh	9109
51	01-29-2021 11:25:32	38	Gavhane Vikram Baburav	9141
52	01-29-2021 11:27:00	38	Raikar Sakshi Vitthal	9158
53	01-29-2021 11:28:02	38	Shende sumit laxman	8780
54	01-29-2021 11:28:40	38	Sutar Onkar Vishnu	9057
55	01-29-2021 11:29:06	38	AGAM AKANKSHA VIJAYKUMAR	9156
56	01-29-2021 11:29:45	38	Jadhav shiwanjali nitin	8817
57	01-29-2021 11:30:01	38	Dagade Rutuja Nanaso	9099
58	01-29-2021 11:28:56	38	Kumbhar Akash Sonba	8812
59	01-29-2021 11:29:00	38	Mali sahil dilip	8762
60	01-29-2021 11:30:23	38	Kothadiya Arya Viraj	8773
61	01-29-2021 11:20:18	37	Omkar rajendra phadatare	9178
62	01-29-2021 11:22:24	37	Mahamuni sai nandkishor	9076
63	01-29-2021 11:26:02	37	Kadam Vaibhav Vijay	8754
64	01-29-2021 11:27:54	37	Gargade rohit dnyandev	9126
65	01-29-2021 11:29:42	37	Mane Prapti Bapurao	9172
66	01-29-2021 11:30:17	37	Bhosale Dnyaneshwar Shahaji	9146
67	01-29-2021 11:30:49	37	Virkar Vinayak Arjun	9162
68	01-29-2021 11:28:58	37	Prabhune Utkarsha Shrinivas	8782
69	01-29-2029 11:28:29	37	DHUMAL PRATIK LAXMAN	8776
70	01-29-2021 11:22:25	36	Khude sakshi balu	9125
71	01-29-2021 11:26:25	36	Kumbhar pratiksha balaso	9059
72	01-29-2021 11:28:33	36	Wagh Sanjana Jaysing	8777
73	01-29-2021 11:29:10	36	PAWAR KARAN SAKHARAM	8826
74	01-29-2021 11:29:19	36	Nagane Swaranjali Dhananjay	9082
75	01-29-2021 11:28:28	36	Giranje Shreyash Sunil	9085
76	01-29-2021 11:28:48	36	Shinde vaibhav dadaso	9163
77	01-29-2021 11:30:25	36	Mane Gayatri Santosh	8783
78	01-29-2021 11:29:30	36	Dhakane Prerana Sampat	8758
79	01-29-2021 11:28:46	35	Gadhave ganesh yashavant	9138
80	01-29-2021 11:29:02	35	Jarande Prakash Chandrakant	8755
81	01-29-2021 11:30:20	35	Kapase sanika vishnu	8779
82	01-29-2021 11:30:42	35	Hole Dnyanraj Vikas	9064
83	01-29-2021 11:29:00	35	Shaikh anjum musak	9118
84	01-29-2021 11:28:02	35	Kulkarni Mayuresh Ashutosh	8760
85	01-29-2021 11:22:33	34	Kanherkar karan dipak	9061
86	01-29-2021 11:23:51	34	Mulik yashshree sudam	9114
87	01-29-2021 11:29:47	34	TIDAKE PRANITA SHARAD	9121
88	01-29-2021 11:29:49	34	Nale prathamesh balasaheb	9129
89	01-29-2021 11:30:13	34	Bhagat Aniket Shankar	9055
90	01-29-2021 11:30:36	34	Suryawanshi Sagar Satish	8806
91	01-29-2021 11:30:23	34	KHADE VISHAL SHANKAR	9183
92	01-29-2021 11:28:49	34	Shinde Sushil Ramesh	9173
93	01-29-2021 11:30:38	34	Mali Omkar Ramesh.	9080
94	01-29-2021 11:12:09	33	NAWALE ROHIT DIPAK	9170
95	01-29-2021 11:15:25	33	Navale Ankita Dhondiba	8818
96	01-29-2021 11:27:30	33	Omkar Babaso Khandale	9111
97	01-29-2021 11:28:15	33	Yele Harshada Ramesh	9174

98	01-29-2021 11:29:42	33	Viraj Prakash kshirsagar	9179
99	01-29-2021 11:30:30	33	Chavan Aakash Ashok	9140
100	01-29-2021 11:30:29	33	Navnath vitthal Avate	8820
101	01-29-2021 11:30:26	33	Jagtap prajwal laxman	9180
102	01-29-2021 11:28:11	33	Atole Ganesh Ulhas	8815
103	01-29-2021 11:28:28	33	Bhagat rutuja sanjay	9149
104	01-29-2021 11:28:12	33	Shinde Shubham Anil	9577
105	01-29-2021 11:05:35	32	Kolekar saurabh biru	9122
106	01-29-2021 11:10:58	32	SALUNKHE KARAN BHIMARAO	9056
107	01-29-2021 11:16:16	32	Khartode Rohit Bharat	9068
108	01-29-2021 11:20:03	32	Aniket Sambhaji Limbore	9137
109	01-29-2021 11:26:58	32	Thorat sanil Balu	9092
110	01-29-2021 11:29:08	32	Narute chaitanya mahadev	9144
111	01-29-2021 11:29:34	32	Narage Vaishnavi Sampat	9145
112	01-29-2021 11:29:54	32	Bhong Vishal dadaram	9160
113	01-29-2021 11:28:03	32	Kumbhar tejasri dadaso	9058
114	01-29-2021 11:11:36	31	Bhosale Pratik Shamrao	9597
115	01-29-2021 11:30:00	31	Sumeet santosh mohite	9086
116	01-29-2029 11:30:27	31	Kumbhar gitali dattatray	9052
117	01-29-2021 11:29:01	29	Jadhav Virendra Sachin	8766
118	01-29-2021 11:04:11	28	Kachare santosh balu	8801
119	01-29-2021 11:17:37	28	Bhapkar mayur balaso	9062
120	01-29-2021 11:26:56	28	Barge Rohit prashant	9074
121	01-29-2021 11:30:44	28	Bad sanket bhagwat	9159
122	01-29-2021 11:29:03	28	KULKARNI SAEE PRASHANT	8778
123	01-29-2021 11:28:29	27	Bhagat sangram sanjay	9147
124	01-29-2021 11:29:10	26	Dhobale Tejas Subhash	8774
125	01-29-2021 11:30:24	26	Akanksh Nandkumar Melavane	9135
126	01-29-2021 11:29:02	26	More Shubham balu	9093

gagan  
Head

Department of Statistics

**SYBSC Statistics Quiz Jan 2021**

<b>Timestamp</b>	<b>Score</b>	<b>Name of the Student(Last-Middle-First Name)</b>	<b>Roll No.</b>
1-29-2021 10:54:33	49	Shitole Priti Umesh	9403
1-29-2021 10:46:22	48	Jagtap suraj ramchandra	9554
1-29-2021 10:58:24	47	Inamdar Moin Riyaj	9549
1-29-2021 10:57:48	47	Gunware sanjana rajendra	9370
1-29-2021 10:58:30	47	Malave Ritesh Rajendra	9588
1-29-2021 10:43:57	46	Nahar Sejal Kishorchand	9382
1-29-2021 10:27:25	46	Vyavahare Nikita Balasaheb	9404
1-29-2021 10:28:06	45	Panhalkar mayuri mahadev	9386
1-29-2021 10:51:10	45	Kadam anil ankita	9408
1-29-2021 10:52:06	44	Pansare sakshi anil	9566
1-29-2021 10:39:27	44	Kadam Sujata Sanjay	9377
1-29-2021 10:58:39	44	Pawar Ganesh Rama	14482
1-29-2021 10:55:54	43	BAGWAN ARBAJ HIRALAL	9537
1-29-2021 10:41:45	43	Devkate Karan Sanjay	16498
1-29-2021 10:42:55	42	Chandgude Prasad Gorakh	16473
1-29-2021 10:44:45	42	Jadhav Pratiksha Hanumant	9551
1-29-2021 10:53:16	42	Shingade pratiksha dhanaji	9401
1-29-2021 10:41:52	41	Pansare sangram sharad	9567
1-29-2021 10:59:28	41	KOKARE RUTUJA BHAGWAT	9563
1-29-2021 10:48:35	40	JAJNJAL PRANAV PRADIP	9555
1-29-2021 10:43:14	40	Zagade Ankita Balaso	9405
1-29-2021 10:39:09	40	Kalukhe Akshata Ramdas	9378
1-29-2021 10:54:26	40	Shinde Shubham Anil	9755
1-29-2021 10:49:14	40	Kokane vishal subash	9562
1-29-2021 10:57:00	40	MANER ARSHAD ARIF	9535
1-29-2021 10:41:17	39	Third Onkar Arjun	9582
1-29-2021 10:42:29	39	THOMBARE SUNIL NAVNATH	9531
1-29-2021 10:41:36	38	Kale ganpati namdev	9532
1-29-2021 10:41:52	37	Jadhav Nishigandha Suresh	9374
1-29-2021 10:43:40	36	Gaikwad Anjali Dipak	9546
1-29-2021 10:39:46	36	JADHAV VISHAL PARSHURAM	9553
1-29-2021 10:46:35	36	Pomane Payal Bhanudas	9570
1-29-2021 10:39:23	36	Dhonage Pooja Raju	16439
1-29-2021 10:51:07	36	Zagade Apurva Ravindra	16461
1-29-2021 10:51:28	35	Jagdhane Pratiksha Shivaji	9375
1-29-2021 10:50:35	35	Sonawane mansi shekhar	9409
1-29-2021 10:42:04	34	Thombare Karan Somnath	9533
1-29-2021 10:50:25	34	Patil Sanket Nanasheb	9388
1-29-2021 10:54:15	33	Shinde sai dnyaneshwar	9400
1-29-2021 10:50:33	33	Dhainje Deepti Mahadev	9361
1-29-2021 10:39:06	33	Shirsat Pooja Kalyan	9402
1-29-2021 10:40:15	33	kokare saurabh balu	9380
1-29-2021 10:54:16	32	Bhame PrajaktaDattatray	9355
1-29-2021 10:39:21	32	Jadhav Akanksha Sanjay	9371
1-29-2021 10:53:05	32	Kshitij Ramdas Kate	16448
1-29-2021 10:27:34	31	Pawar shweta sanjay	9390
1-29-2021 10:54:29	30	Dupargude Makarand Sanjay	9545

1-29-2021 10:56:25	30	GHANWAT SURAJ BALU	
1-29-2021 10:52:06	29	BANDGAR PRADHUNYA BALASO	9548
1-29-2021 10:57:45	29	Prasad dattatray beldar	9354
1-29-2021 10:49:05	29	Sonawane ankita avinash	9410
1-29-2021 10:42:05	28	Deokate Sahil Balasaheb	16465
1-29-2021 10:42:17	28	Dham Tejas Manik.	9360
1-29-2021 10:58:06	27	KAMBLE GAURAV VITTHAL	9352
1-29-2021 10:58:40	27	Dhakane Pradnya Sampat	9559
1-29-2021 10:47:58	26	GAWADE SUHAS SUNIL	9362
1-29-2021 10:51:59	26	Shendage Rutuja Sharad	9367
1-29-2021 10:44:44	26	Chavan Vaishnavi Namdev	9573
1-29-2021 10:40:14	25	Chandgude Amruta Purushottam	9540
1-29-2021 10:48:24	24	KEDAR RUSHIKESH GANESH	9357
1-29-2021 10:22:05	24	Parkale Mohini Dattatraya	9560
1-29-2021 10:42:41	24	Salgude Rohan changdeo	9387
1-29-2021 10:41:23	23	Gaikwad Vivek Hanmant	9571
1-29-2021 10:52:48	23	Waghmode Suraj maruti	9587
1-29-2021 10:43:04	22	Pawar Nikita Shivaji	9389
1-29-2021 10:48:50	22	Sagar Rajendra Mundalik	9564
1-29-2021 10:26:03	22	Owal Aditi Ganesh	9385
1-29-2021 10:34:12	21	Raut Mrunali Hanumant	9407
1-29-2021 10:34:50	21	Ankita Dattatray Kale	16462
1-29-2021 10:54:21	21	Jadhav Nikita Ramdas	9373
1-29-2021 10:39:24	20	Doshi Prajakta Sanjay	9365
1-29-2021 10:53:58	19	Kale Sayali Rajendra	9557
1-29-2021 10:31:22	19	DHUMAL SHREYASH UMESH	9363
1-29-2021 10:55:38	18	Mahamuni Mayur Ganesh	16497
1-29-2021 10:29:07	17	Deokate Mayuri Sopan	9359
1-29-2021 10:56:34	17	Kadam Vishwjeet Hanumant	16499
1-29-2021 10:40:38	17	Raut shruti Raju	9589
1-29-2021 10:55:52	16	Kale akshay aba	16480
1-29-2021 10:59:19	16	Giranje shree sunil	9369
1-29-2021 10:46:25	16	Bhoite Gaurav Balaso	9539
1-29-2021 10:41:45	16	Khandekar vidya Anil	9379
1-29-2021 10:39:27	15	Shete Rutuja Jalindar	9399
1-29-2021 10:55:52	15	NARUTE VIJAY DNAYANDEV	16453

(गावळ)  
Head

Department of Statistics

Dr. Avinash S. Jagtap  
Date: 24/02/2022

To,  
Principal  
Tuljaram Chaturchand College,  
of Arts, Science and Commerce, Baramati  
Autonomous.

Subject: - About Organization of Statistics Quiz Competition Activities.....

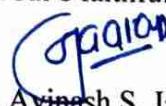
Respected Sir,

Department of Statistics wish to organize under Departmental Activities 2021-22 namely Statistics Quiz Competition for F. Y. B. Sc. & S. Y. B. Sc. students on 28/02/2022 above mentioned Activities.

So please allow to organize the same.

Thanking You

Your s faithfully

  
Dr. Avinash S. Jagtap  
Head  
Department Statistics

Allowed  
  
24/2/2022

अनेकान्त एज्युकेशन सोसायटीचे,  
**तुळजाराम चतुरचंद महाविद्यालय, बारामती**  
**(कला, शास्त्र आणि वाणिज्य)**  
**(स्वायत्त महाविद्यालय)**  
**संख्याशास्त्र विभाग**

**नोटीस**

दिनांक : २५/०२/२०२२

संख्याशास्त्र विभागातील विद्यार्थ्यांना सुचित करण्यात येते की संख्याशास्त्र विभागातर्फे स्टॅटिस्टिक्स क्वीझ या स्पर्धाचे आयोजन करण्यात येत आहे. तरी सर्व विद्यार्थ्यांनी सदर स्पर्धेसाठी उस्फुर्तपणे सहभाग घ्यावा.

दिनांक वेळ	स्पर्धेचे नाव	वर्ग	समन्वयक
२८/०२/२०२२ ०२.३० ते ०३.३० पर्यंत	Statistics Quiz	S. Y. B. Sc.	Dr. N. K. Dhane
२८/०२/२०२२ ४ ते ५ पर्यंत	Statistics Quiz	F. Y. B. Sc	Dr. N. K. Dhane

वरील स्पर्धामध्ये सहभागी होण्यासाठी संख्याशास्त्र विभागामध्ये प्रा. स्वामी सर यांच्याकडे नावे नोंदवावीत.

**स्पर्धेचे ठिकाण: संख्याशास्त्र विभाग**



संख्याशास्त्र विभागप्रमुख

**Anekant Education Society's  
Tuljaram Chaturchand College of Arts, Science and Commerce Baramati.  
(Autonomous)  
Department of Statistics  
Statistics Quiz Report**

Venue: Department of Statistics

Date: 28/02/2022

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In the academic year 2021-22, following activity were conducted by the Department of Statistics.

### **1. STATISTICS QUIZ**

Department of Statistics organized Statistics Quiz on 28/02/2022 for various classes viz. F.Y.B.Sc., S.Y.B.Sc. Total 179 Students participated in this statistics quiz. Following are the details of winner of this activity.

➤ Result of Statistics Quiz is as follows

1. Jadhav Girish Rajendra (S.Y.B.Sc.) -First Rank
2. Godse Vaishnavi Balkrushna (S.Y.B.Sc.) - Second Rank
3. Thorat Sunayna Bhagwan (S.Y.B.Sc.) - Third Rank
4. Nikam Shweta Yuraj (F.Y.B.Sc.) - First Rank
5. Kangude Rutuja Haridas (F.Y.B.Sc.) - Second Rank
6. Nutan Rajendra Lavhe (F.Y.B.Sc.) - Third Rank

Your s faithfully

  
Dr. Avinash S. Jagtap

Head

Department Statistics

# Online Statistics Quiz (2021-22)

(S.Y.B.Sc.)

Timestamp	Email address	Score	Full Name (Surname First)
2-28-2022 15:31:24	jadhavirish5126@gmail.com	30 / 50	Jadhav Girish Rajendra
2-28-2022 15:39:33	vbgodase2002@gmai.com	24 / 50	Godase Vaishnavi Balkrushna
2-28-2022 15:40:03	thoratsunayana16@gmail.com	24 / 50	Thorat Sunayana Bhagwan
2-28-2022 15:29:29	maneprapti6@gmail.com	22 / 50	Mane Prapti Bapurao
2-28-2022 15:34:11	sangrambhagat9096@gmail.com	22 / 50	Bhagat sangram sanjay
2-28-2022 15:04:39	uprabhune6@gmail.com	20 / 50	Utkarsha Shrinivas Prabhune
2-28-2022 15:28:46	sahilmali9225@gmail.com	20 / 50	Mali sahil dilip
2-28-2022 15:28:58	zagademegha0201@gmail.com	20 / 50	Zagade Megha Bharat
2-28-2022 15:31:37	prajwaljagtap7183@gmail.com	20 / 50	Jagtap prajwal laxman
2-28-2022 15:32:25	aadeshbankar9484@gmail.com	20 / 50	Bankar Aadesh Vilas
2-28-2022 15:32:48	vishawjeetjadhav4@gmail.com	20 / 50	Jadhav vishawjeet valmik
2-28-2022 15:33:15	ganeshransing714@gmail.com	20 / 50	Ransing Ganesh Subhash
2-28-2022 15:33:46	aniketb5508@gmail.com	20 / 50	Bhagat Aniket Shankar
2-28-2022 15:37:25	saurabhlokhande109@gmail.com	20 / 50	Lokhande Saurabh Sanjay
2-28-2022 15:38:02	mansideshmukhe965@gmail.com	20 / 50	Deshmukhe Mansi Tukaram
2-28-2022 15:38:07	pd6498330@gmail.com	20 / 50	Dhumal Pratik Laxman
2-28-2022 15:38:07	adityasorate032002@gmail.co	20 / 50	Sorate Aditya Subhash
2-28-2022 15:39:28	bhapkarmayur370@gmail.com	20 / 50	Bhapkar Mayur Balaso
2-28-2022 15:01:01	sweetym22april@gmail.com	18 / 50	Mulik yashshree sudam
2-28-2022 15:08:02	nishahole845@gmail.com	18 / 50	Hole Nisha Dada
2-28-2022 15:27:09	siddhiborate01022003@gmail.com	18 / 50	Borate siddhi satish
2-28-2022 15:27:15	gitalikumbhar@gmail.com	18 / 50	Kumbhar gitali dattatray
2-28-2022 15:28:38	aniketlimbore2001@gmail.com	18 / 50	Limbore Aniket Sambhaji
2-28-2022 15:30:16	tanujaraut499@gmail.com	18 / 50	Raut Tanuja Santosh
2-28-2022 15:30:44	ajaymane5885@gmail.com	18 / 50	Mane Ajay Appa
2-28-2022 15:31:05	shubhammore5611@gmail.com	18 / 50	More shubham balu
2-28-2022 15:39:58	virendrajadhav360@gmail.com	18 / 50	Jadhav Virendra Sachin
2-28-2022 14:43:27	vaibhavijagtap04@gmail.com	16 / 50	Jagtap vaibhavi ramdas
2-28-2022 15:01:56	sayalimane996@gmail.com	16 / 50	Mane sayali Sanjay
2-28-2022 15:10:35	pschoramale8118@gmail.com	16 / 50	Choramale Parshuram Shrikant
2-28-2022 15:12:43	swaranjalinagane@gmail.com	16 / 50	Nagane Swaranjali Dhananjay
2-28-2022 15:12:57	sakshiraikar940@gmail.com	16 / 50	Sakshi Vitthal raikar
2-28-2022 15:29:59	sumitshende2001@gmail.com	16 / 50	Shende sumit laxman
2-28-2022 15:30:11	naragevaishnavi@gmail.com	16 / 50	Narage Vaishnavi Sampat
2-28-2022 15:30:45	sanilthorat10@gmail.com	16 / 50	Thorat sanil Balu
2-28-2022 15:31:01	shiwanjalijadhav@gmail.com	16 / 50	Jadhav shiwanjali nitin
2-28-2022 15:31:14	bhaktimore424@gmail.com	16 / 50	More Bhakti Balasaheb.
2-28-2022 15:33:45	suyashdombe8@gmail.com	16 / 50	Dombe suyash shekhar
2-28-2022 15:35:06	RutujaBhagat521@gmail.com	16 / 50	Bhagat rutuja sanjay
2-28-2022 15:36:28	preranamane8292@gmail.com	16 / 50	Mane prerana maruti
2-28-2022 15:37:25	rutushinde420@gmail.com	16 / 50	Shinde Rutuja Nanaso
2-28-2022 15:38:11	satyajitbosale4602@gmail.com	16 / 50	Bhosale Satyajit Bhagwat
2-28-2022 14:44:24	prakashjarande777@gmail.com	14 / 50	JARANDE PRAKASH CHANDRAKANT
2-28-2022 14:59:29	rohitkhartode143@gmail.com	14 / 50	Khartode Rohit Bharat
2-28-2022 15:10:44	waghaniket1010@gmail.com	14 / 50	Wagh Aniket Sureshrao
2-28-2022 15:26:59	saeepkulkarni@gmail.com	14 / 50	Kulkarni saee Prashant
2-28-2022 15:27:18	aryakothadiya@gmail.com	14 / 50	Kothadiya Arya Viraj

Timestamp	Email address	Score	Full Name (Surname First)
2-28-2022 15:30:01	sanjanajwagh@gmail.com	14 / 50	Wagh Sanjana Jaysing
2-28-2022 15:33:42	reshmajadhad292@gmail.com	14 / 50	Jadhav Reshma Rajendra
2-28-2022 15:33:54	jagtapkunal70@gmail.com	14 / 50	Jagtap Kunal Gajanan
2-28-2022 15:35:54	kumbhartejashri1605@gmail.com	14 / 50	Kumbhar tejashri dadaso
2-28-2022 15:37:14	naiksrushti965@gmail.com	14 / 50	Naik Srushti Dhananjay
2-28-2022 15:37:31	shreyashgiranje2761@gmail.com	14 / 50	Giranje Shreyash Sunil
2-28-2022 15:38:47	magara9847@gmail.com	14 / 50	Magar Aditya Prakash
2-28-2022 15:38:59	komkarrohan2002@gmail.com	14 / 50	Komkar Rohan Rahul
2-28-2022 15:39:16	bharatjambulkar150802@gmail.co	14 / 50	Jambulkar Bharat Arjun
2-28-2022 15:40:37	vinayzende31@gmail.com	14 / 50	Zende Vinay Rajendra
2-28-2022 14:58:14	kskaransalunkhe96@gmail.com	12 / 50	Salunkhe karan bhimrao
2-28-2022 15:00:12	navaleankita14@gmail.com	12 / 50	Navale Ankita Dhondiba
2-28-2022 15:04:20	gaikwadvr8@gmail.com	12 / 50	Gaikwad Vishal Dattatray
2-28-2022 15:25:02	sid1way9011@gmail.com	12 / 50	Wanave siddhant Hanumant
2-28-2022 15:31:38	monikashinde8232@gmail.com	12 / 50	Shinde monika Rajendra
2-28-2022 15:32:11	amar525250@gmail.com	12 / 50	jadhav amar suresh
2-28-2022 15:32:39	mahamunisai2177@gmail.com	12 / 50	Mahamuni sai nandkishor
2-28-2022 15:34:20	dnyanujadhav401@gmail.com	12 / 50	Jadhav Dnyaneshwari Yogesh
2-28-2022 15:34:36	mahamunisai2177@gmail.com	12 / 50	Mahamuni sai nandkishor
2-28-2022 15:36:24	snehalranmode164@gmail.com	12 / 50	Ranmode snehal sanjay
2-28-2022 15:37:54	Vaibhavk0506@Gmail.com	12 / 50	Kadam Vaibhav Vijay
2-28-2022 15:38:20	ashog9991@gmail.com	12 / 50	Chavan Aakash Ashok
2-28-2022 15:39:26	navnathavate@gamil.com	12 / 50	avate navnath vitthal
2-28-2022 15:07:57	aniketbondre230303@gmail.com	10 / 50	bondre aniket balaso
2-28-2022 15:29:29	digvijaythorat330@gmail.com	10 / 50	Thorat Digvijay Kashinath
2-28-2022 14:36:36	shindevaibhav8569@gmail.com	8 / 50	Shinde vaibhav dadaso
2-28-2022 14:42:57	manojbhapkar35@gmail.com	8 / 50	Bhapkar Manoj Sanjay
2-28-2022 15:28:15	hivsneha1@gmail.com	8 / 50	Hivarkar Sneha Tatyaso
2-28-2022 15:30:00	ajaysuryawansi015@gmail.com	8 / 50	Suryawansi Ajay popat
2-28-2022 15:32:59	dhakaneprerana123@gmail.com	8 / 50	Dhakane prerana sampat
2-28-2022 15:33:07	pallavi.ahange@gmail.com	8 / 50	Pallavi anil hange
2-28-2022 15:36:26	salunkesamruddhi2@gmail.com	8 / 50	Salunke samruddhi nitin
2-28-2022 15:36:43	ayushmanke007@gmail.com	8 / 50	MANKE AYUSH SANJAY
2-28-2022 14:57:37	tejasdhobale113@gmail.com	6 / 50	Dhobale Tejas Subhash
2-28-2022 14:49:59	vinayzende31@gmail.com	4 / 50	Zende Vinay Rajendra
2-28-2022 15:32:16	harshvardhank968@gmail.com	4 / 50	Kate Harshvardhan Kalyan

(Gajlon)  
Head

Department of Statistics

online statistics Quiz (2021-22)

F.Y.B.Sc.

Timestamp	Score	Name of the Student(Last-Middle-First)	Roll Number
2-28-2022 16:55:10	19	Nikam shweta Yuvaraj	6062
2-28-2022 16:52:39	18	Kangude Rutuja Haridas	6074
2-28-2022 16:36:09	17	Lavhe Nutan Rajendra	6035
2-28-2022 16:59:10	16	Pawar Sanskruti Sanjay	6045
2-28-2022 16:35:50	16	Phadtare Dnyaneshwari Rajendra	6038
2-28-2022 16:40:14	16	Kambale Pramod Ashok	6063
2-28-2022 16:55:08	15	Shaikh Ayan Mansoor	6066
2-28-2022 16:58:44	15	Gardi Digvijay Subhash	6313
2-28-2022 16:30:42	15	Shaikh Raisa Suber	6085
2-28-2022 16:56:58	14	Sapkal Rahul Nanaso	6088
2-28-2022 16:59:28	14	Kokane pooja dattatray	6030
2-28-2022 16:56:49	13	Sapkal manasi pandurang	6101
2-28-2022 16:57:06	13	Lavate vaishnavi Anil	6029
2-28-2022 16:57:14	13	Sonawane Pritam Pramod	6054
2-28-2022 16:57:46	13	Bhujbal pranav balaso	6023
2-28-2022 16:58:04	13	Swami Shashank Shivraj	6070
2-28-2022 16:59:27	13	Tupe Samiksha sanjay	6059
2-28-2022 16:47:58	12	Chaudhari Saurabh Santosh	6344
2-28-2022 16:54:31	12	Pawar om tanaji	6056
2-28-2022 16:58:11	12	Adling Sakshi Gajanan	6346
2-28-2022 16:58:56	12	Hajabe Prathamesh Gorakh	6311
2-28-2022 16:59:23	12	Nanware Rohit Dagadu	6010
2-28-2022 16:59:44	12	Darekar Prajakta bhauso	6094
2-28-2022 16:59:47	12	Owal Neha Sudhir	6040
2-28-2022 16:42:07	12	Jadhav Gitanjali Madhukar	6041
2-28-2022 16:42:09	12	khade pranali vitthal	6076
2-28-2022 16:42:28	12	Kondhalkar Saurabh laxman	6018
2-28-2022 16:34:37	11	Salunkhe Karan bhimrao	6902
2-28-2022 16:44:54	11	Korade Pranav Sukumar	6046
2-28-2022 16:48:26	11	Bagwan Altaf Rajmahammad	6028
2-28-2022 16:52:17	11	Pawar Yash Balaso	6351
2-28-2022 16:52:36	11	Baride Sakshi suresh	6052
2-28-2022 16:52:37	11	Raut Kajal Mahadev	6055
2-28-2022 16:57:16	11	Saste Shriraj Ramesh	6050
2-28-2022 16:59:04	11	Gawade abhijeet yashwant	6067
2-28-2022 16:59:09	11	Babar Nilesh Keshav	6079
2-28-2022 16:59:37	11	Mohite sangram dattatray	6104
2-28-2022 16:59:41	11	Pathak siddhi rajendra	6096
2-28-2022 16:20:26	11	Jadhav pranali sunil	6071
2-28-2022 16:20:36	11	Mulani Sujan Husen	6348
2-28-2022 16:30:21	11	Madane Monali Chandrakant	6024
2-28-2022 16:20:16	11	Kale Kiran Dattatray	6084
2-28-2022 16:52:48	10	Gawade Sayali Prafull	6034
2-28-2022 16:52:54	10	Sinha Jyoti	6310
2-28-2022 16:55:09	10	Narote Prashant Gorakhnath	6065
2-28-2022 16:57:07	10	Mergal Rohini Chimaji	6326
2-28-2022 16:59:17	10	Ghadage pooja prakash	6118

2-28-2022 16:59:54	10	Sayyad Anjum Maksud	6317
2-28-2022 16:50:07	10	Sonavane Rushikesh Rajendra	6325
2-28-2022 16:40:13	10	Nalawade Megha Hanumant	6053
2-28-2022 16:46:55	10	Londhe Gauri Vasant	6112
2-28-2022 16:10:04	10	Andhare Trupti pradip	6100
2-28-2022 16:26:25	9	Wanave Dhanaraj shivaji	6060
2-28-2022 16:34:27	9	Waghmode sujit hanumant	6036
2-28-2022 16:53:56	9	Gawali Omkar Gajanan	6012
2-28-2022 16:54:44	9	Deokar Sangram Dharmendra	6105
2-28-2022 16:58:23	9	Jadhav Prajktababan	6002
2-28-2022 16:59:01	9	Aland Muskan Samir	6106
2-28-2022 16:59:05	9	Jadhav Nikhil ganpat	6116
2-28-2022 16:59:06	9	Pansare Saurabh Navnath	6339
2-28-2022 16:50:09	9	Dhalpe Shruti Rushikesh	6019
2-28-2022 16:30:17	9	Bhalerao nana appaso	6008
2-28-2022 16:52:09	9	Jadhav Nikhil Balu	6333
2-28-2022 16:43:10	9	Varhade Abhay kisan	6014
2-28-2022 16:53:26	9	Khandagale Rutuja Aabasaheb	6033
2-28-2022 16:33:53	8	Wayse Bhavesh Somnath	6073
2-28-2022 16:52:54	8	Zanje Suraj Narayan	6064
2-28-2022 16:53:09	8	Aishwarya Chaphandraknt Giranje	6091
2-28-2022 16:54:45	8	Wanave Rohit Bhausaheb	6109
2-28-2022 16:55:39	8	Shelar sonali somnath	6087
2-28-2022 16:56:43	8	Deokar Aditya Harishchandra	6048
2-28-2022 16:58:34	8	Kumbhar Shivam Arjun	6322
2-28-2022 16:59:00	8	SURKUNDE MOHIT KRUSHNA	6321
2-28-2022 16:59:17	8	Lakade aniket satish	6025
2-28-2022 16:32:43	8	Jadhav Aishwarya balasaheb	6039
2-28-2022 16:23:30	8	Khandagale Rituraj Abasaheb	6020
2-28-2022 16:16:43	7	Kamble Siddhant Mahendra	6080
2-28-2022 16:41:01	7	Kalgavkar aditya ashok	6003
2-28-2022 16:53:02	7	Bopardikar mrunmai shrinivas	6004
2-28-2022 16:56:28	7	Suryavanshi mayuri revannath	6013
2-28-2022 16:57:16	7	Chavan Prithviraj Rajendra	6319
2-28-2022 16:59:56	7	Madane sanjivani hanmant	6349
2-28-2022 16:03:57	7	Jadhav Priyanka Sandip	6016
2-28-2022 16:13:43	7	Dhavale jayesh dashrath	6095
2-28-2022 16:37:40	6	Gargade rohit dnyandev	6888
2-28-2022 16:43:45	6	Bhujbal Apurva Mahesh	6072
2-28-2022 16:48:06	6	Gawand Rushikesh Rohidas	6343
2-28-2022 16:30:44	6	Chavan Gaurav Maruti	6005
2-28-2022 16:28:10	5	Sutar Kaveri Krishnat	6022
2-28-2022 16:30:39	5	Pingale Jayram Prakash	6092
2-28-2022 16:45:02	5	Wanave Machhindra pratik	6314
2-28-2022 16:59:16	5	bedre divya rahul	6113
2-28-2022 16:25:17	5	Pawar Amol Shanakar	6089
2-28-2022 16:54:28	4	Jarande Prakash Chandrakant	6869
2-28-2022 16:33:08	4	Pingale Abhijit Prakash	6102

gauri  
Head

अनेकान्त एज्युकेशन सोसायटीचे,  
तुळजाराम चतुरचंद महाविद्यालय, बारामती  
(कला, शास्त्र आणि वाणिज्य)  
(स्वायत्त महाविद्यालय)  
संख्याशास्त्र विभाग

दिनांक : २१/०२/२०२३

## नोटीस

एफ. वाय. बी एस्सी. (संख्याशास्त्र) आणि एफ. वाय. बी. एस्सी.  
(कम्प्युटर सायन्स) या वर्गासाठी मंगळवार दि. २८/०२/२०२३ रोजी  
सकाळी ११ ते दुपारी १२ या वेळेत Statistics Quiz तरी  
सर्व विद्यार्थ्यांनी सदर स्पर्धेसाठी उस्फुर्तपणे सहभाग घ्यावा. सदर  
स्पर्धेमध्ये सहभागी होण्यासाठी संख्याशास्त्र विभागामध्ये नावे नोंदवावीत.

स्पर्धेचे ठिकाण: संख्याशास्त्र विभाग

डॉ. अविनाश एस. जगताप  
संख्याशास्त्र विभागप्रमुख

**Anekant Education Society's**  
**Tuljaram Chaturchand College of Arts, Science and Commerce Baramati.**  
**(Autonomous)**  
**Department of Statistics**  
**"Report of Statistics Quiz"**

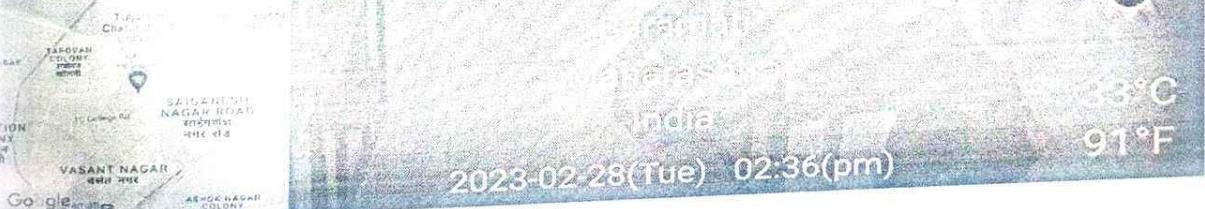
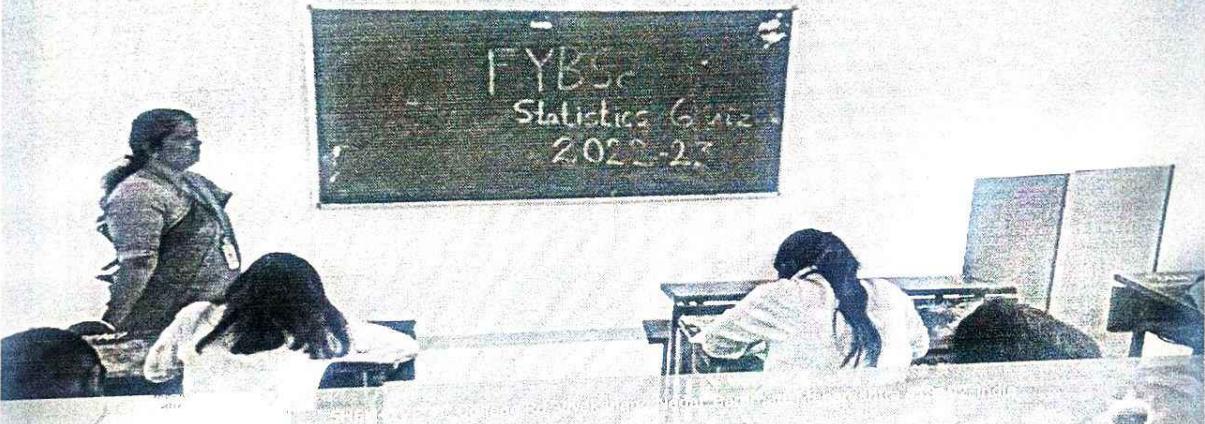
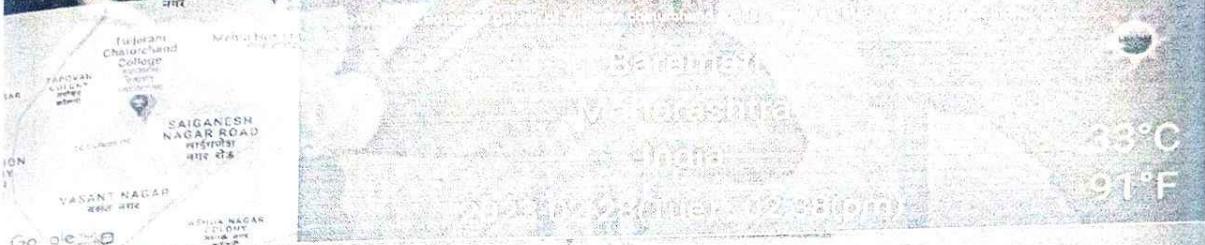
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Date:-03/03/2023

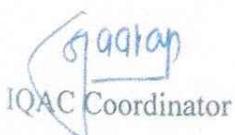
Department of Statistics organized Statistics Quiz on 28/02/2023 for F. Y.B. Sc. Statistics Students. Total 43 Students have participated in this statistics quiz. Cash prizes and certificates were awarded to rank holder.

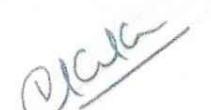
**Winners in F. Y. B. Sc. Statistics Quiz are as follows:**

- 1) Miss. Aarti Adagale
- 2) Mr. Dhumal Prajwal
- 3) Miss. Gawade Vaishnavi



“Statistics QUIZ Round I of the class FYBSc”

  
gagan  
IQAC Coordinator

  
Head,  
Department of Statistics

**Anekant Education Society's**  
**Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati**  
**(Autonomous)**  
**Department of Statistics**  
**REPORT OF PROGRAM**

Sr. No	Item	Particulars
1	Name of the Department/Committee	Department of Statistics
2	Title of the Programme	Statistics Quiz
3	Date of the Programme	27 January 2024
4	Name and Address of the Resource Person	Department of Statistics
5	Level of the Programme: College/University/State/National/International	Department of Statistics, Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
6	Funded by: College/University etc.	Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
7	Number of Beneficiaries	Total 34

Detail information of the programme:

Department of Statistics, Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati organized Statistics Quiz in IQAC Youth Festival on 27/01/2024 for various classes F.Y.B.Sc. and S.Y.B.Sc. Total 34 Students participated in this statistics quiz. Following are the details of winner of this activity. Volunteers for this Activity were from M. Sc. -II Class namely Mr. Shree Girinje., Miss. Sakshi Borole, Miss. Ekwalli Kale, Mr. Krushna Bagade.

➤ Result of Statistics Quiz is as follows

1. Kale Vijay Bapurao (S.Y.B.Sc.) -First Rank
2. Attar Tahsin Javed (F.Y.B.Sc.) - Second Rank



Head



IQAC Coordinator



Principal

Enc.-

1. Permission Letter
2. Notice
3. Attendance
4. Copy of Feedback Form
5. Geo Tag Photos

**Anekant Education Society's  
Tuljaram Chaturchand College of Arts, Science and Commerce Baramati.  
(Autonomous)  
Department of Statistics  
IQAC Youth Festival Report**

Venue: Department of Statistics

Date: 16/02/2024

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In the academic year 2023-24, following activities were conducted by the Department of Statistics.

### **STATISTICS QUIZ**

Department of Statistics organized Statistics Quiz on 27/01/2024 for various classes viz. F.Y.B.Sc., S.Y.B.Sc. Total 34 Students participated in this statistics quiz. Following are the details of winner of this activity.

➤ Result of Statistics Quiz is as follows

1. Kale Vijay Bapurao (S.Y.B.Sc.) -First Rank
2. Attar Tahsin Javed (F.Y.B.Sc.) - Second Rank



Dr. Neeta K. Dhane  
Departmental IQAC Coordinator



Dr. Vikas C. Kakade  
Head  
Department of Statistics

Dr. Vikas C. Kakade  
Date: 23/01/2024

To,  
Principal  
Tuljaram Chaturchand College,  
of Arts, Science and Commerce, Baramati  
Autonomous.

Subject: - About Organization of Youth Festival Activities.....

Respected Sir,

Department of Statistics wish to organize Two Activities Under IQAC Youth Festival 2023-24 namely Statistics Quiz Competition & Chess Competition for F. Y. B. Sc., S. Y. B. Sc., T. Y. B. Sc. and M. Sc.- I & M. Sc. Part-II Statistics students on 27/01/2024 and 29/01/2024 above mentioned Activities.

So please allow to organize the same.

Thanking You

*Alom  
G*

Your s faithfully

*Vikas*

Dr. Vikas C. Kakade  
Head  
Department Statistics

अनेकान्त एज्युकेशन सोसायटीचे,  
 तुळजाराम चतुरचंद महाविद्यालय, बारामती  
 (कला, शास्त्र आणि वाणिज्य)  
 (स्वायत्त महाविद्यालय)  
**संख्याशास्त्र विभाग**

**नोटीस**

दिनांक : १७/०१/२०२४

संख्याशास्त्र विभागातील विद्यार्थ्यांना सुचित करण्यात येते की संख्याशास्त्र विभागातर्फे आयक्यु.ए.सी युवा महोत्सव -२०२४ दिनानिमित्त खालील स्पर्धाचे आयोजन करण्यात येत आहे. तरी सर्व विद्यार्थ्यांनी सदर स्पर्धेसाठी उस्फुर्तपणे सहभाग घ्यावा.

दिनांक वेळ	सार्वत्रे नाव	वर्ग	समन्वयक
२७/०१/२०२४ सकाळी ९ ते ११पर्यंत	Statistics Quiz	F. Y. B. Sc. & S. Y. B. Sc.	Dr. N. K. Dhane
२८/०१/२०२४ सकाळी ९ ते ११पर्यंत	Data visualization challenge	F. Y. B. Sc., S. Y. B. Sc., T. Y. B. Sc., M. Sc. -I & M. Sc. -II	Mr. C. P. Swami
२९/०१/२०२४ सकाळी ९ ते ११पर्यंत	Chess & Sudoku	F. Y. B. Sc., S. Y. B. Sc., T. Y. B. Sc., M. Sc. -I & M. Sc. -II	Dr. V. V. Patil

वरील स्पर्धामध्ये सहभागी होण्यासाठी संख्याशास्त्र विभागामध्ये कु. आयेशा शेख यांच्याकडे नावे नोंदवावीत.

**स्पर्धेचे ठिकाण: संख्याशास्त्र विभाग**

  
**संख्याशास्त्र विभागप्रमुख**

Anekant Education Society  
**Tuljaram Chaturchand College of Arts, Science and Commerce,**  
 Baramati 413102 (Dist-Pune)  
**Statistics Quiz Attendance**

Class : F.Y. B.Sc (Major)

Subject : Statistics

No.	Name of Student	Roll No.	Mobile No.	E-Mail Id	Sign
1	SAWANT OMKAR NILESH	10301	8767488430	omtarsawant430@gmail.com	Sawant
2	ATTAR TEHSEEN JAVED	10308			
3	MORE PRAJAKTA VILAS	10319			
4	GULIG MANSI NAVNATH	10323	9359497691	mansigulig339@gmail.com	Gulig
5	PHADTARE TAPSYA RAJENDRA	10324			
6	SHINDE MAITHILI SHRIDHAR	10325			
7	JATHAR ATHARV SHIVRAM	10330	9322406739	jatharatharv34@gmail.com	Atharv
8	KARE TRUPTI SHIVAJI	10331			
9	DESHMUKH KALYANI UDAY	10332	8446118319	kalyani24145@gmail.com	Kalyani
0	PHADATARE PURVA SANJAY	10336	-		
1	PHARANDE VAISHNAVI PRAMOD	10338			
2	ZAGADE CHANDRASHEKHAR RAJABHAI	10341	9172446811	chandrashekhar7@gmail.com	Chandrashekhar
3	JADHAV PURVA SACHIN	10349			
4	DHAMAL ANKITA AMOL	10360	9970904236	ankitadhamal.574@gmail.com	Ankita
5	PHATE SUHAS BIBHISHAN	10368			
6	NIKAM VAIBHAVI CHANDRAKANT	10369			
7	MULIK OMKAR RAHUL	10380	7226147759	omulik34@gmail.com	Omkar
8	SAGADE SHIVANI SHAHAJI	10393	9762662202	shivani.sagade.82@gmail.com	Shivani
9	PACHANKAR SHREYA GANESH	10421			
0	BHAGAT YASH NITIN	10609	9322742453	bhagatyash411@gmail.com	Y.N. Bhagat
1	MORE VISHAL BANDU	10610	9145620409	vishalbandumrmm307@gmail.com	Vishal

Sr. No	Name of Student	Roll No.	Mobile No.	E-Mail Id	Sign
22	JADHAV MADHURA DIPAK	10616			
23	JADHAV GANESH BABASAHEB	10624	8530975804	ganujadhave5a3@gmail.com	G.B.Jadhev
24	MANE ADITYA HANUMANT	10628	8087384417	aditjanane187@gmail.com	Adyan
25	THORÄVE SNEHA DNYANESHWAR	10648	8149485501	SnehaThorave@gmail.com	Sneha
26	SUL SANSKAR RAMESH	10650	8261996515	sanskarsu1807@gmail.com	Sul
27	KADAM YOGESH MAHADEO	10651	9322881160	yogeshkadam88116@gmail.com	Yogesh
28	NIGADE PAYAL HANUMANT	10654			
29	LASHKAR TANASHREE MAHADEV	10660	9209727963	laskhar.tanashree@gmail.com	Lashkar
30	PHALPHALE SAKSHI RAMESHWAR	10668			
31	MORE SANKET BHIMRAO	10669	7385829622	sanketmore@gmail.com	Sanket
32	KHAROSE VAISHNAVI DNYANOBA	10675	9226603230	vaishnavikharse217@gmail.com	Vishnu
33	SHIRKE SHATKSHI SHRIKANT	10678	9011770040	shatkhishirke.07122004@gmail.com	S. Shirke
34	LAVAND SUHANI BAPU	10690			
35	JADHAV PRASAD SHARAD	10772	9623531922	Pj5623968@gmail.com	Prashant
36	SHITOLE TANUJA NANDKUMAR	10361	8421752988	Tanu 10361@gmail.com	Tanuja
37	DHUMAL TRUPTI BHAUSO	10626	9209366338	truptidhumal206@gmail.com	Trupti
38	Taware CHAITRALI RAJENDRA	10302	8263983600	rajendrataware642@gmail.com	Rajendra
39	KOLI SHRAVANI SURESH	10640	8788157486	shrawanikoli035@gmail.com	Suketu
40	KADAM NIKITA SANTOSH	10634	8668658591	nikita.kadam507@gmail.com	Nikita
41	JARAD GAURI HANUMANT	10353	9518315243	gaurijarad2@gmail.com	Gauri

Pranav Pawar 10655 9309068923 PranavPawar@gmail.com PS.Pawar

  
Coordinator

  
Head

Department of Statistics

Anekant Education Society  
 Tuljaram Chaturchand College of Arts, Science and Commerce,  
 Baramati 413102 (Dist-Pune)

## Quiz Attendance

Class : S.Y. B.Sc

Subject : Statistics

Sr. No	Name of Student	Roll No.	Mobile No.	Mail ID	Sign
1	MALAVE AISHWARYA SURYAKANT	10901	9890828905	aishwarya.malave 2205@gmail.com	Aishu
2	RANDHWAN KIRTI MAHADEV	10903	8999307197	Kirtirandhwani@gmail.com	KR
3	THORAVE VAISHNAV MOHAN	10904	8793589318	Vaishnav thorave@gmail.com	V.M.
4	DHUMAL PRAJWAL PRAMOD	10905	9322799488	Prajwal.dhumal98@gmail.com	Prajwal
5	EKAD SAMADHAN EKNATH	10906	7030233175	ekad.sumadhun 9146@gmail.com	Eknath
6	UDGIRKAR SAURABH PRAVIN	10907	99527359657	Saurabh.udgirkar97@gmail.com	Saurabh
7	SALUNKHE JAY SUHAS	10908	705835 8114	Jaysalunkhe 447@gmail.com	Jay
8	KUMBHAR SAKSHI DATTATRAY	10911	7767085602	sakshikumbhar85@gmail.com	Sakshi
9	RANAWARE RIYA JAGANNATH	10914	8180834590	Ranawareriya@gmail.com	RIYA
10	KALE NEHA SURESH	10915	8010889588	Nehakale1810203@gmail.com	Neha
11	KOKARE TEJAS RAVINDRA	10916	9322784175	tejas.kokare2004@gmail.com	Tejas
12	MASAL SAKSHI RAJENDRA	10918	9975155998	sakshimasal28@gmail.com	Sakshi
13	JARAD KAJAL SATISH	10920	9370477292	kajaljarad@gmail.com	Kajal
14	MORE DIVYA VINOD	10923			
15	JAGADELE RUTUJA VIKRAM	10926			
16	DEOKAR SUSHANT JAYSING	10927	7249318054	Sushantdeokar@gmail.com	Sushant
17	DAMODARE ADITYA PURUSHOTTAM	10930			

	Name of Student	Roll No.	Mobile No.	Mail ID	Sign
8	THORAT PRIYA NAVNATH	10931	9356621141	thoratpriya492@gmail.com	Priya
19	CHAVAN VAISHNAVI AJIT	10933	8446980504	vaishnavi.chavan0805@gmail.com	Vaishnavi
20	GARJE KOMAL RAJARAM	11061	8530364077	garje.komal5@gmail.com	Komal
21	KOLEKAR BHAGYASHRI RAJENDRA	11063	8767468199	bhagyashrikolekar294@gmail.com	Bhagyashri
22	GAWADE VAISHNAVI TUKARAM	11064	8999123086	Vaishnangawade090@gmail.com	Gawade
23	SHAIKH FARJANA SALIM	11065	7028546747	farjanashaike2004@gmail.com	Farjana
24	KALE RITIKA GORAKH	11066	8010224973	ritikakal360@gmail.com	Riti
25	JADHAV AVDUT MOHAN	11067	8482966296	avdutjadhw95@gmail.com	Jadhar
26	SANGALE VAIBHAV BAPURAV	11068	9356444831	vaibhavsangalevs940@gmail.com	Vaibhav
27	SHINDE SURAJ ANKUSH	11069			
28	GAIKWAD VAISHNAVI BHAGWAT	11071			
29	MALI KETAN DILIP	11072			
30	PAWAR PRATHAMESH VITTHAL	11073	8421010155	Prathameshpawar3926@gmail.com	Pray
31	DHERE VYANKATESH SURENDRA	11078	8010136033	Vyankateshdhere@gmail.com	Vyankatesh
32	KARDULE PRAVIN SUNDAR	11079			
33	KALE ABHISHEK RAGHUNATH	11080	9503184264	Kaleabhishek@gmail.com	Abhishek
34	KHILARE SHUBHAM GORAKH	11081	9607503475	shubhamkhilare718@gmail.com	Shubham
35	NIMBALKAR CHAITALI MANESH	11083	9561565300	Chaitali.nimbalkar388@gmail.com	Chaitali
36	KALE VIJAY BAPURAO	11085	9834755116	Kalevijay19101999@gmail.com	Vijay
37	JADHAV ANTARA SUNIL	11090	9730920093	Kj003034@gmail.com	Jadhar

Sr. No	Name of Student	Roll No.	Mobile No.	Mail ID	Sign
38	DHOK NIRANJAN RAJARAM	11249			
39	CHAVAN SNEHAL DIGAMBAR	10924			
40	SURVASE PRITI RAJENDRA	10925			
41	PAWAR ARATI DIPAK	10912	9022840928	Pawararati@5665@gmail.com	Pawar
42	SHINDE PRATIKSHA HANUMANT	10913	9022992132	PS5511866@.gmail.com	Shinde
43	SHINDE PRAJAKTA ANIL	11084	7020459980	shindeprajakta8682@gmail.com	Shinde
44	SHAIKH MOIN JAKIR	11075			
45	BHISE AJINATH ARJUN	10917			
46	Pawar Sonali Sukhadev	10932	8767305131	Sonalipawar27140@gmail.com	Pawar
47					
48					
49					

Coordinator

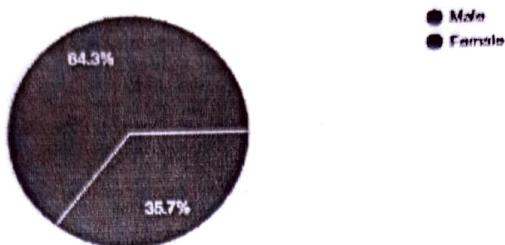
Head

Department of Statistics

## (IQAC Festival 2023-24) FEEDBACK - Statistics Quiz

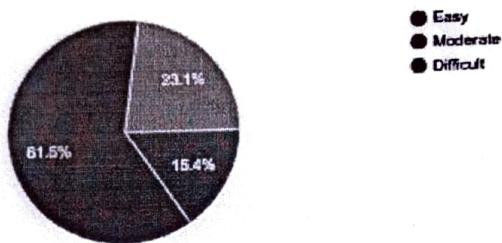
### Gender

14 responses



### How did you find the difficulty level of the questions?

26 responses



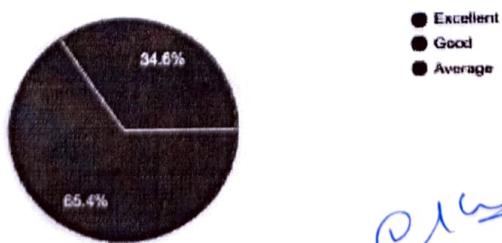
### How would you rate your overall experience participating in the Statistics Quiz activity?

26 responses



### How would you rate the quality of the questions asked in the quiz?

26 responses



*Chut*

1. Total 4 Geo-Tagged Photographs: Inauguration(1), During Programme(2) and Valedictory(1)



"Statistics QUIZ of the class F.Y.B.Sc. & S.Y.B.Sc.

*[Handwritten signature]*