



HINDU COLLEGE, GUNTUR – 522 003

(Re-accredited by NAAC as Grade 'A' with CGPA 3.07)

Main Road, Opp. Sri Venkateswara Vignana Mandir, Guntur

DEPARTMENT OF MATHEMATICS Y. SREEKANTH, LECTURER IN MATHEMATICS STUDENT CENTRIC ACTIVITIES – 2020-21

Mathematics Quiz

Title of the Event	: Mathematics Quiz on Quantitative Aptitude
Date and Time	: 21-12-2020 11.00 to 1.00 PM
Venue	: H8
Staff organized	: Y. Sreekanth and Dr. S.V.S. Girija
No.of Students Involved	: 30 III B.Sc. MPC and B.A. MES
Objective of the event	: To make students well versed with Mathematics Quiz problems
Plan and Execution	: Y. Sreekanth, Lecturer in Mathematics conducted Mathematics Quiz on Quantitative Aptitude . Six groups of each three students participated in Quiz.
Outcome of the Event	: Students gained awareness of Skills in Quantitative Aptitude.
Evidences	: Pictures





DEPARTMENT OF MATHEMATICS
Y. SREEKANTH, LECTURER IN MATHEMATICS
STUDENT CENTRIC ACTIVITIES – 2020-21

QUIZ QUESTIONS

Identifying the pattern, fill the blank space on the other side analogously from among the four options given

1. $4:80 :: 5: \text{---}$
a) 220 **b) 150** c) 135 d) 120
a) SGPE **b) SHPE** c) SHPF d) THPE
2. $\text{BRF} : \text{AOK} :: \text{TSM} : ?$
a) SQJ **b) SPR** c) STO d) SQH
3. $\text{B7W} : \text{I7P} :: \text{--} : \text{P9B}$
a) H9K **b) G9L** c) H9L d) **G9K**
4. ajesh walked 25 mts towards South. Then he turned to his left and walked 20 mts. He then turned to his left and walked 25 mts. He again turned to his right and walked 15 mts. At what distance is he from the starting point and in which direction?
a) 35 mts South b) 35 mts North c) 35 mts West **d) none**
5. Today is Tuesday. What day of the week it was 124 days before?
a) Wednesday **b) Thursday** c) Friday d) Saturday
6. The year next to 1988 having same calendar as that of 1987 is
a) 1992 **b) 1998** c) 1996 d) 1994
7. A watch which gains uniformly is 5 min slow at 6 AM on a Monday and 10 min fast on the following Monday at 6 PM. When was the watch correct?
a) Tuesday 2PM b) Wednesday 2 PM c) Thursday 2 PM **d) Wednesday 6 PM**
8. Pointing a man in photograph, Pooja said “ his mother’s only daughter is my mother”. How is Pooja related to that man?
a) Sister **b) Niece** c) Wife d) Granddaughter
9. If $\frac{2}{5}$ of a number is 800, then find $\frac{3}{4}$ of the number.
a) 2000 **b) 1500** c) 1000 d) 2500
10. A number when divided by 899 gives a remainder 63. What remainder will be obtained by dividing the same number by 29.
a) 2 b) 3 **c) 5** d) 7



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11. What is the number in units place in 359^{59} .
a) 1 b) 9 c) 7 d) 3
12. A number exceeds 20% of itself by 40. The number is
a) 50 b) 60 c) 80 d) 20
13. The population of a town is decreased from 8500 to 7500. Find the decreased percentage of the population.
a) 11 b) 10.76 c) 11.76 d) 10
14. A man buys 9 articles for Rs. 16 and sells them at 11 for Rs. 20. What is the gain percent or loss percent.
a) Gain $3\frac{2}{11}\%$ b) Gain $2\frac{3}{11}\%$ c) Loss $2\frac{3}{11}\%$ d) Loss $3\frac{2}{11}\%$
15. A car during its journey travels 30 minutes at a speed of 40 kmph, another 45 minutes at 60 kmph and 2 hours at 70 kmph. Find its average speed.
a) 53.04 kmph b) 68.04 kmph c) 63.04 kmph d) 58.04 kmph



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Group Discussion - 1

Title of the Event	: On History of Mathematics
Date and Time	: 15-03-2021 11.40 to 12.30
Venue	: N6
Co-ordinator	: Y. Sreekanth
No.of Students Involved	: 20 II B.Sc. MPC and B.A. MES
Objective of the event	: To make students well versed with applications of Differentiation in real life
Plan and Execution	: Group discussion is conducted in regular class time. Some of the students explained the History of Mathematics. Y. Sreekanth, Lecturer in Mathematics monitored their discussion.
Outcome of the Event	: Students gained awareness of Mathematicians and their contributions in chronological order

Evidences : Pictures

