



HINDU COLLEGE, GUNTUR – 522 003

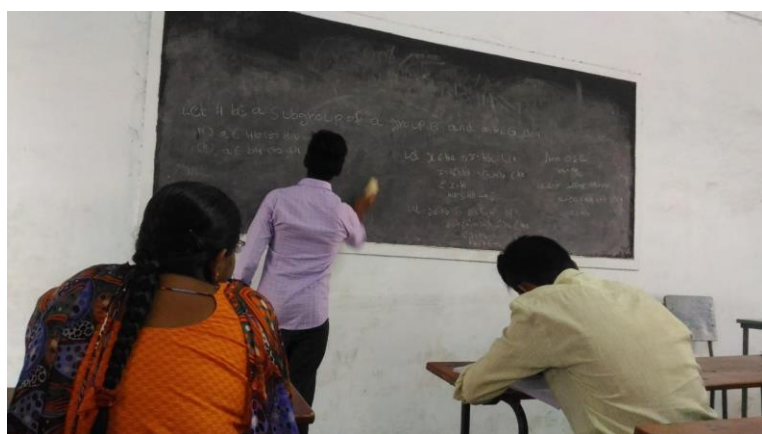
(Re-accredited by NAAC as Grade 'A' with CGPA 3.07)

Main Road, Opp. Sri Venkateswara Vignam Mandir, Guntur

DEPARTMENT OF MATHEMATICS Y. SREEKANTH, LECTURER IN MATHEMATICS STUDENT CENTRIC ACTIVITIES - 2017-18

Seminar - 1

Title of the Event	: On Subgroups
Date and Time	: 15-07-2017 10.50 to 11.40
Venue	: H2
Co-ordinator	: Y. Sreekanth
No.of Staff Members Involved:	One (Dr. S.V.S. Girija)
No.of Students Involved	: 25 II B.A. MES
Objective of the event	: To make students well versed with working knowledge of Results on Subgroups
Plan and Execution	: Student seminar is conducted in regular class time. Some of the students explained the Results on Subgroups and solved problems on Subgroups.
Outcome of the Event	: Students gained knowledge of solving problems on Subgroups
Evidences	: Pictures





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Seminar - 2

Title of the Event	: On Normal Subgroups
Date and Time	: 11-08-2017 10.00 TO 10.50
Venue	: H2
Co-ordinator	: Y. Sreekanth
No.of Staff Members Involved:	One (Dr. S.V.S. Girija)
No.of Students Involved	: 27 II B.A. MES
Objective of the event	: To make students well versed with knowledge of Normal Subgroups
Plan and Execution	: Student seminar is conducted in regular class time. Some of the students explained the results on Normal Subgroups.
Outcome of the Event	: Students gained knowledge of results on Normal Subgroups
Evidences	: Pictures





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Mathematics Quiz

Title of the Event	: Mathematics Quiz on Quantitative Aptitude
Date and Time	: 19-02-2018 11.00 to 1.00 PM
Venue	: B1 Gallery Hall
Staff organize	: 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



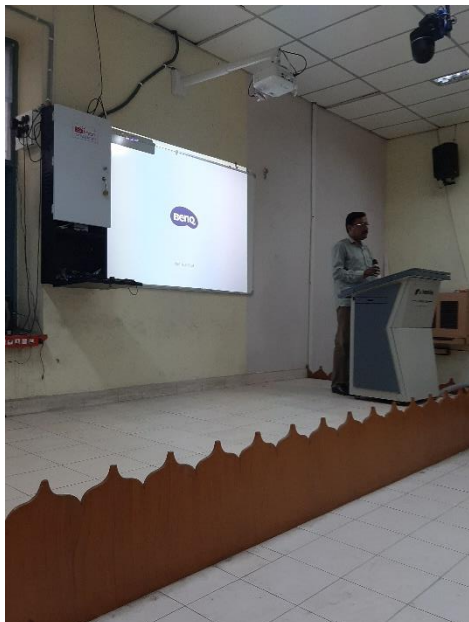


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DEPARTMENT OF MATHEMATICS
Y. SREEKANTH, LECTURER IN MATHEMATICS
STUDENT CENTRIC ACTIVITIES - 2017-18





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QUIZ QUESTIONS

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

1. 4:80 :: 5: ---
a) 220 b) 150 c) 135 d) 120
a) SGPE b) SHPE c) SHPF d) THPE
2. BRF : AOK :: TSM : ?
a) SQJ b) SPR c) STO d) SQH
3. B7W : I7P :: -- : P9B
a) H9K b) G9L c) H9L d) G9K
4. FEAR : THREAT :: HANGER : ---
a) LIE b) CHEATING c) PANIC d) PROVOCATION
5. 46 : E :: 79 : ---
a) F b) G c) H d) I

Pick the odd things out

6. 46080 3840 384 58
7. INTIMACY ATTACHMENT ENEMITY FRIENDSHIP
8. OP AB GF RS
9. If "CAR" is coded as "ECT", how will you code "BUS"
a) DUW b) DWU c) FHJ d) DWH
10. Rajesh 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
11. Today is Tuesday. What day of the week it was 124 days before?
a) Wednesday b) Thursday c) Friday d) Saturday
12. The year next to 1988 having same calendar as that of 1987 is
a) 1992 b) 1998 c) 1996 d) 1994



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13. 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**
14. 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
15. If $\frac{2}{5}$ th of a number is 800, then find $\frac{3}{4}$ th of the number.
a) 2000 b) **1500** c) 1000 d) 2500
16. 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
17. What is the number in units place in 359^{59} .
a) 1 b) **9** c) 7 d) 3
18. A number exceeds 20% of itself by 40. The number is
a) **50** b) 60 c) 80 d) 20
19. 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
20. 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 $3\frac{2}{11}\%$
21. 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
22. In what time will Rs. 8500 amounts to Rs. 15767.50 at 4.5 % per annum.
a) 18 years b) **19 years** c) 17 years d) 20 years
23. The difference between compound interest and simple interest on a certain sum of money at 5 % per annum for 2 years is Rs. 15. Find the sum.



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- a) 5000 b) 8000 c) 6000 d) 7500

24. The sum of ages of father and his son is 88 years. If the ratio between their ages is 7 : 4, then find father's age.

- a) 32 years b) 56 years c) 24 years d) 42 years

25. A train running at 72 kmph takes 15 seconds to cross a pole near the track. Find the length of the train.

- a) 200 mts b) 300 mts c) 150 mts d) 225 mts