

MTS EXAMINATION 2014 -15

Class : VII

QUESTION PAPER



Register No :

Score : 400

Time : 2 hrs

General Instructions

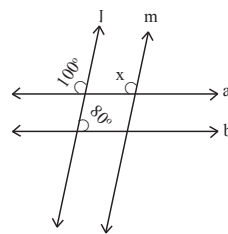
1. Candidates are supplied with an OMR Answer Sheet.
2. Answer the questions in the OMR Sheet by shading the appropriate bubble.
3. Shade the bubbles with black ball point pen.
4. Each question carries four marks. One mark will be deducted for each wrong answer.
5. Use the space provided in the last page for rough work.

Read the passage and answer the questions from 1 to 4

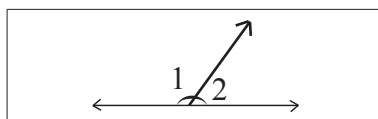
Machines were invented to satisfy the growing demands of the new markets. If merchants were to make the most of the opportunities offered by these markets, it was essential to increase output and reduce prices. In all this development, Great Britain took the lead. There were several reasons for this. First, British expansion had opened foreign markets which were ready to absorb more and cheaper goods. There was in India, for example an almost unlimited market for common goods and in fact, for cheap goods of all kinds. Second, Britain possessed the enormous advantage of having an ample supply of coal and iron, the two materials most necessary for building of machinery. Finally, the British rose to the situation by introducing a series of important innovations.

1. There were a number of reasons which contributed to the beginning of Industrial Revolution in England. Which of the following was NOT one of them ?
 - A. British expansion had opened foreign markets.
 - B. Britain had raw material in abundance.
 - C. Britain introduced a series of important innovations.
 - D. The British Labour Party provided inspiration.
2. Find out the antonym of the word 'enhance' from the passage.
 - A. essential
 - B. reduce
 - C. innovation
 - D. increase
3. Britain was endowed with an ample supply of coal and iron. According to the passage, from the Industrial Revolution point of view, it was a/an
 - A. Advantage
 - B. Disadvantage
 - C. Asset
 - D. Liability
4. Which definition best fits the word "enormous" as it is used in the passage ?
 - A. Having the ability to do difficult things.
 - B. Not leaving out any part.
 - C. Very great in size or amount.
 - D. Having the same value.

5. You must finish the work next Saturday.
 A. on B. by C. in D. at
6. He walked as if he a drunkard.
 A. had been B. was C. were D. is
7. He sleeping for two hours.
 A. has been B. had been C. have been D. have
8. Pick out correctly spelt word.
 A. Colaboration B. Colaberation C. Coll aberation D. Collaboration
9. The Chief guest the prizes.
 A. gives in B. gives away C. gives out D. gives up
10. If I were a birdin the sky.
 A. I will fly B. I would be fly C. I would fly D. I fly
11. The mean of the respective means of two distinct data 4, 6, 8, 14 and 6, 8, 12, 14 is
12. Find the value of 'y' in the given equation: $\frac{y}{2y-15} = \frac{7}{9}$
 A. 23 B. 21 C. 25 D. 27
13. Prasanth's age is 5 years more than 5 times the age of his son. If Prasanth is 40 years, how old is his son ?
 A. 6 B. 8 C. 7 D. 12
14. Find the value of x if $l \parallel m$.



- A. 80° B. 70° C. 100° D. 60°
15. In the adjoining figure, $\angle 1$ and $\angle 2$ do not form



- A. linear pair B. a pair of adjacent angles

C. a pair of supplementary angles D. a pair of complementary angles

16. The thickness of a sheet of paper is 19.15 mm. Its thickness in cm is
- A. 1.915 cm B. 191.5 cm C. 1915 cm D. 0.1915 cm
17. The reciprocal of $\frac{2}{9} \div \frac{1}{2}$ is
- A. $\frac{2}{9}$ B. $\frac{1}{9}$ C. $\frac{4}{9}$ D. $\frac{9}{4}$
18. Which among the following is true ?
- A. $(-11) + 7 + (-4) = 11 + (-7) + 4$ B. $(-10) + (-4) + 8 = 10 + 4 + -8$
C. $(-12) + 2 + 10 = 12 + (-2) + -10$ D. $7 + (-2) + (-5) = (-7) + 2 + (-5)$
19. What will be the sign of the product if we multiply together 10 negative integers and 1 positive integer ?
- A. negative B. positive C. zero D. positive or negative
20. A tank contains 2000 litres of water. Due to leakage the quantity reduces by 4 litres every hour. In how many hours will it get emptied ?
- A. 200 hours B. 400 hours C. 300 hours D. 500 hours
21. If soil contains greater proportion of big particles it is called
- A. Clayey Soil B. Sandy Soil C. Loamy Soil D. None of the above
22. The roots of small plants are embedded entirely in
- A. Bedrock B. Topsoil C. C-horizon D. B-horizon
23. You have given a solution which turns red litmus paper in to blue. The nature of that solution is
- A. Acidic B. Basic C. Neutral D. None of the above
24. During a plant cultivation Raju treated the soil with calcium hydroxide. The nature of that soil is
- A. Acidic B. Basic C. Neutral D. Salty
25. The Turmeric powder is an
- A. Alkali B. Acid C. Indicator D. None of the above
26. From the given substances choose which is a natural Indicator ?
- A. Phenolphthalein B. Methyl orange
C. Shoe flower D. Sodium hydroxide
27. The bacteria present in the root nodule of the pea plant is.....
- A. E-Coli B. Fungi C. Lichens D. Rhizobium

28. In plants the solar energy is converted into energy.
 A. Chemical B. Mechanical C. Electrical D. Kinetic
29. The process of intake of food is
 A. Digestion B. Ingestion C. Assimilation D. Egestion
30. The food capturing organ of amoeba is
 A. Mouth B. Trunk C. Pseudopodia D. Bud
31. Who among the following persons is not related to Jallianwalabagh Massacre ?
 A. General Dyer B. Dr. Saifudheen Kitchlu
 D. Dr. Satyapal D. Lord Curzon
32. Who is known as the “ Father of Renaissance ” ?
 A. Davinci B. Michelangelo C. Petrarch D. Rahel
33. A ruler became the emperor of India at the age of 13. Who was the ruler ?
 A. Babar B. Akbar C. Humayun D. Shah Jahan
34. Which one of the following is not correctly matched ? (Rulers - Dynasties)
 A. Ghiyasuddin - Tughluq B. Jalaludheen - Ghilji
 C. Firuz Shah - Lodi D. Khizr Khan - Sayyid
35. Which of the following social reforms represent correct chronological sequence according to the year of its foundation ?
 i. Brahma samaj ii. Arya samaj
 iii. Satya Shodhak Samaj iv. Arya mahila sabha
 A. IV, III, II, I B. I , III , II , IV C. III , II , I , IV D. II , I , III , IV
36. Consider the following statement.
 i) Land, water , air , plants and animals comprise the natural environment.
 ii) Natural environment refers to both biotic and abiotic conditions.
 Which of the above statement is / are correct ?
 A. i only B. ii only
 C. Both i & ii D. Neither (i) nor (ii)
37. Which is the Narrow Zone of the Earth ?
 A. Atmosphere B. Biosphere C. Hydrosphere D. Lithosphere
38. Which instrument is used to find the direction of wind ?
 A. Wind Vane B. Anemometer C. Ecosounder D. Hydrometer
39. Identify the key features of the Indian Constitution.
 A. Federalism B. Separation of Power
 C. Fundamental Right D. All the Above
40. If the govt. decides not to promote an officer of the armed forces because she is a woman , which right will be violated ?
 A. Right to Equality B. Right against the exploitation
 C. Right to Freedom D. Cultural & Educational Right

41. Which committee was constituted by RBI to Revenue Governanace of boards of banks in India
 A. P.J.Nayak commitee B. H.R.Khan commitee
 C. Harsh vardhan commitee D. K.Subhramanyan commitee
42. The chemical used in indelible ink (election ink) is
- A. Sodium Nitrate B. Pottassium Nitrate C. Silver Nitrate D. Silver Iodide
43. Who among the following has been honoured with prestigous Yash Chopra Memorial award
 A. Amithabhachan B. Salmankhan C. Ameerkhan D. Sharuk khan
44. Which among the following states in India has highest sex ratio at birth
 A. Hariyana B. Chathigarh C. Madya pradesh D. Kerala
45. Who is the present governer of mizoram
 A. V.V.Giri B. H.L.Dathu C. P.Sathasivam D. Azeez khureshi
46. Ist chief minister of Maharashtra
 A. Siddaramaiah B. Paneer Selvam C. Yashwantran charan D. Jayalalitha
47. Who among the following is the chairman of the recently constituted 7th pay commission
 A. Ashok kumar mathur B. Dr.Rathin roy
 C. Justice B.N.Sreekrishna D. C.Ranga rajan
48. Who is cabinet minister of Railway
 A. Sushri Uma Bharati B. Shri Nithin Jairam Gadkari
 C. Shri Suresh Prabhu D. Shri Manohar Parrikar
49. RDP stands for
 A. All India Development Programme B. Integrated Rural Development Programme
 C. Indian Rural Development Policy D. None of these
50. Which of the following pertains of diary reseach?
 A. LDC B. IDS C. IDSA D. NDRI
51. Who is known as the ‘Father of Modern Kerala Renaissance’
 A. Sreenarayana Guru B. Gurudev C. Chattambi swamikal D. Nanu
52. Who was the 1st Foreigner to pick up tha president of Indian National Congress?
 A. Annie Beasant B. George Yule C. Hentric cotton D. Wetderden
53. Which scientist discovered the radio active element radium
 A. Isaac Newton B. Albert Einstin C. Benjamin Franklin D. Merry Curie
54. What did James Watt invent
 A. Diving Bell B. Steam pot C. Rotary steam engine D. Hot a baloon
55. Who invented Neutron
 A. Chadwick B. J.J.Thomson C. Robbert hock D. Ruther ford
56. Who was the political Guru of Mahatma Ghandi
 A. Bala Gangathara Thilak B. CR Das C. Gopala Krishna Gokale D. Dada Bai Navaroji

57. Who organised Adhinave Bharath
 A.Surya sen B. V.D.Savargar C. Lala hardayal D. Lajapath Rai
58. To whom Jawaharlal Nehru dedicated his Auto biography
 A. Mothilal Nehru B. Gandhiji C. Indira Gandhi D. Kamala Nehru
59. Capital of Algeria
 A. Veinna B. Algiers C. Dhaka D. Canberra
60. Which is the capital of Ethiopia
 A. Berlin B. Paris C. Jekartha D. Addisababa
61. “Salarjungn Muesium” is situated at
 A. Putna B. Pune C. Hydrabad D. Cuttack
62. Kailash temple at Khanji was constructed by
- A. Chandra Guptha I B. Pulikeshin I C. Nara Simha Varman II D. Narasimha I
63. Which famous Monuments was built by Muhammed Quli Quthab Shah in 1951 to commemorate the end of plague?
 A. Charminar B. Juma masjid C. Mecca Masjid D. Toli Masjid
64. Who among the following has won Syed Modi international India grand price gold batminton tittle
 A. P.V.Sindhu B. Saina Nehwal C. Ashwini Ponnappa D. Jwala Gutta
65. Who is the ICC 2014 award winners for the category “ best T20 performance of the year?
 A. AB de Villiers B. Sarah Taylor C. Aaron Finch D. Bhuvaneshkumar
66. Indias first cyber police station
 A. Delhi B. Banglore C. Chennai D. Mumbai
67. Father of Super computer
 A. Seymour cray B. charles babbage C. Steve joves D. Jimmy wales
68. Virtual Memory is located in
- A. Hard disc B. Hard copy C. Mother board D. CPU
69. Which is the largest flower in the world
 A. Wolffia B. Ixora C. Rafflesia D. Lilly
70. The largest puss in Kerala
 A. Palakkad puss B. Thamarassery puss C. Cherambadi puss D. Kambam puss

Space for rough works