

Suitability test for appointment on compassionate grounds in Gr.C

Date: 07.04.2021

Time 14.00 - 16.00

Marks : 100

1. Candidate should write their name and other personal details only in the space provided in the fly leaf and not in any other space/page in the answer book / additional sheets.
2. If any name/roll number etc is found in the answer book/additional sheets, such papers will not be valued.
3. In the answer to the objective type questions no correction, overwriting and scoring off is permitted. In case any correction like cutting off, overwriting or modifications are made, that answer shall not be valued at all.

Choose the correct answer:

(50 X 2 = 100 marks)

1. Which one of the following statement is correct with respect to the 'societal development'?
 - a) Behaviour grows into habits, habits into tradition and tradition becomes custom
 - b) Customs grow into mores and mores grow into custom
 - c) Behaviours grow into customs and customs grow into traditions
 - d) Folkways grow into tradition and traditions grow into customs

2. With respect to the conduct and performance of a company, 'perfect competition' refers to
 - a) Large number of small firms producing differentiated products
 - b) Complete freedom in economic life and absence of rivalry among firms
 - c) Many companies selling similar products with free entry
 - d) Sole producer selling a distinct product

3. 'Fiscal policy' means
 - a) Balancing the revenue collection and expenditure
 - b) Establishing equilibrium between demand and supply of goods and services
 - c) Use of taxation, public borrowing and public expenditure by Government for purposes of 'stabilization' or 'development'
 - d) Deficiency as an instrument of growth

4. Which of the following are the main objectives of Gold Monetization Scheme launched in the country?

1. To monetize gold holdings in the country
2. To increase export of gold from the country
3. To reduce India's import bill
4. To meet the targets of reduction in fiscal deficit

Select the correct answer using the codes given below:

- a) 1 and 4 only
- b) 2 and 4 only
- c) 2 and 3 only
- d) 1 and 3 only

5. The creative technique applied when the available and required inputs as well as the desired outputs are listed, is

- (a) Attribute listing
- (b) direct dreaming
- (c) black box
- (d) Delphi

6. Which one of the following control policies leaves no freedom to private enterprise to buy plant, machinery, raw materials from the country of its choice?
 (a) Import control (b) Export control (c) Exchange control (d) Physical control
7. What does the Olympic Flame symbolize?
 (a) Unity among various nations of the world
 (b) Speed, perfection, and strength
 (c) The development of sportsmanship
 (d) Continuity between ancient and modern games
8. PRAGATI is the acronym for
 a) Pro-active governance and transparency in India
 b) Pro-active governance and timely implementation
 c) Primary governance for transparency in India
 d) Promoting and accomplishing governance with assured and timely implementation
9. What is Crowd funding?
 (a) Money collected for public welfare projects by levying an entry fee to exhibitions, shows, etc.
 (b) Money collected by charitable organizations by placing a donation box at prominent locations
 (c) Money raised by innovators and inventors by launching their products and services through Internet
 (d) Money raised by individuals by passing the hat around to onlookers at a street performance
10. What is TADF?
 (a) Technology Acquired Desired Firm
 (b) Technologically Advanced Direct Fund
 (c) Technologically Accomplished Direct Fund
 (d) Technology Acquisition and Development Fund
11. Entomology is the science that studies
 a) Behavior of human beings
 b) Insects
 c) The origin and history of technical and scientific terms
 d) The formation of rocks
12. Grand Central Terminal, Park Avenue, New York is the world's
 a) Largest railway station
 b) Highest railway station
 c) Longest railway station
 d) None of the above
13. Light year is a measurement of
 a) speed of aeroplanes
 b) speed of light
 c) Stellar distances
 d) speed of rockets

14. What is the unit for measuring the amplitude of a sound?
 a) Decibel
 b) Coulomb
 c) Hum
 d) Cycles
15. A solution turns red litmus blue, its pH is likely to be
 (a) 1 (b) 4 (c) 5 (d) 10
16. One kilometre is equal to how many miles?
 a) 0.84
 b) 0.5
 c) 1.6
 d) 0.62
17. The human eye forms the image of an object at its
 (a) cornea (b) iris (c) pupil (d) retina
18. The gap between two neurons is called a
 (a) denarite (b) synapse (c) axon (d) impulse
19. What is the meaning of the term Topology?
 (a) It is the study of places and natural features. (b) Study of hair and its disorders.
 (c) It is the study of shape and features of the moon. (d) Study of theological salvation.
20. Name the instrument that is used to measure Relative Humidity?
 (a) Hygrometer (b) Hydrometer (c) Barometer (d) Mercury Thermometer
21. Four metal rods of lengths 78 cm, 104 cm, 117 cm and 169 cm are to be cut into parts of equal length. Each part must be as long as possible.
 The maximum number of pieces that can be cut will be
 (a) 27 (b) 36 (c) 43 (d) 52
22. Ten years ago father was 12 times as old as his son and after 10 years father will be 11.2 times older than his son. The present ages of father and son respectively are
 (a) 32 years and 14 years (b) 34 years and 14 years
 (c) 32 years and 12 years (d) 34 years and 12 years
23. A car covers its journey at the speed of 80km/hr in 10 hours. If the same distance is to be covered in 4 hours, by how much the speed of car will have to increase?
 (a) 200kmph (b) 120kmph (c) 130kmph (d) 140kmph
24. The sum of all the natural numbers between 1 and 101 which are divisible by 5 is
 (a) 1000 (b) 1050 (c) 1500 (d) 2550
25. Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are:
 a) 39, 36
 b) 41, 32
 c) 42, 33
 d) 43, 34

26. Worker A takes 8 hours to do a job. Worker B takes 10 hours to do a job. How many hours should it take both A and B, working together to do the same job?
 (a) $5\frac{4}{9}$ (b) $2\frac{4}{9}$ (c) $3\frac{4}{9}$ (d) $4\frac{4}{9}$

27. The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:

- a) 200 m
- b) 225 m
- c) 245 m
- d) 250 m

28. A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had:

- a) 588 apples
- b) 600 apples
- c) 672 apples
- d) 700 apples

29. In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs?

- a) 6.25
- b) 6.5
- c) 6.75
- d) 7

30. An error 2% in excess is made while measuring the side of a square. The percentage of error in the calculated area of the square is:

- a) 2%
- b) 2.02%
- c) 4%
- d) 4.04%

31. 'Tianhe-2' Titan, Mira and Piz Daint' are:

- (a) super computers
- (b) Star in milky Way galaxy
- (c) nearby Galaxies
- (d) Comets

32. Which of the following is not a disease caused by virus?

- (a) Bird-flu
- (b) Chicken pox
- (c) Cholera
- (d) Dengue

33. Why did General Dyer open fire on peaceful crowd in Jallianwalla Bagh?

- (a) To punish the Indians
- (b) To take revenge for breaking martial laws
- (c) To create a feeling of terror and awe in the mind of Indians
- (d) To disperse the crowd

34. Which one of the following National Highways crosses India from west to east?

- (a) NH5
- (b) NH6
- (c) NH7
- (d) NH8

35. Tripitakas are sacred books of

- a) Buddhists
- b) Hindus
- c) Jains
- d) None of the above

36. GDP stands for Gross Domestic Product. What does it show?
- It shows how big is the economy of a country in a given year in terms of its total output.
 - It shows what the total product of a country in a given year without counting the country's total resources.
 - It shows the number of people involved in production in a particular year.
 - It shows the total value of trade trans-actions of a country in a particular year.

37. Which scientist discovered the radioactive element radium?

- Isaac Newton
- Albert Einstein
- Benjamin Franklin
- Marie Curie

38. The treaty of Srirangapatna was signed between Tipu Sultan and

- Robert Clive
- Cornwallis
- Dalhousie
- Warren Hastings

39. What is part of a database that holds only one type of information?

- Report
- Field
- Record
- File

40. What Galileo invented?

- Barometer
- Pendulum clock
- Microscope
- Thermometer

41. Antonym of the word DEJECTION is

- acceptance
- anticipation
- elation
- repression

42. Synonym of the word BENEVOLENT is

- cruel
- rich
- kind
- valid

43. Look at this series: 664, 332, 340, 170, —, 89. What number should fill the blank?

- 85
- 97
- 109
- 178

44. Find the synonym of the following word "Vigorously"

- apathetic
- steady
- actively
- dull

45. What was the day on 15th august 1947?

- Friday
- Saturday
- Sunday
- Monday

46. Fill the blank: 3, 10, 101, ?

- 10101
- 10201
- 10202
- 11012