

Read the given Extract and answer the question number 1 to 5

Time-management always remains the critical success factor. If anybody wastes his boyhood, he will not be able to acquire and build up character in future and will suffer all consequences. Similarly if a student neglects his studies from day-to-day no amount of hard labour before the examination will get him through. A person who understands the importance of time, practices punctuality in life. A punctual person, who uses his time cautiously, becomes successful in life; If we look around we will see that the successful men in all spheres of life are men who made proper use of every moment of their time. The most prosperous nations too are those that do not waste any moment. An unpunctual man cannot finish his own duties and incurs the displeasure of others by wasting his time too. In the military field delay by a few minutes may change the destiny of a nation. It is true that nobody can accurately forecast the future. There are many things that are beyond the control of human beings. The economy and financial situation of countries are fast changing. Though the future is unseen, man can work hard today. To increase the probability of a better future, people should use their time properly. Moreover, if we begin to put off things, we will soon get into the habit of indolence and thus slowly bring about our own ruin. The weather condition always remains uncertain. There remains a risk of natural calamities. To tackle the situation of natural calamities, the government and other organizations are coming up with "Disaster Management and Recovery Plans". During the time of emergency, the disaster recovery teams are expected to act fast without wasting a single minute. If we look all around important events of history, we will see that all successful people of history made the best use of time. The prosperous people of the world are very conscious about the value of time. So, we should never waste our time and try to make the best use of it.

1. An unpunctual man:
 - (a) Makes others unhappy
 - (b) Does not finish his work on time
 - (c) Gets into the habit of becoming lazy
 - (d) All of the above

- (b) We will have to call the Disaster Management team
- (c) Both (a) and (b)
- (d) None of the above

Fill in the blanks with suitable options (Q No. 6 to 9)

2. Time - management is:
 - (a) Crucial for success
 - (b) Helps to build up character
 - (c) Both (a) and (b)
 - (d) Helps to accurately forecast future
3. The meaning of the phrase put-off is:
 - (a) To keep something away
 - (b) To tolerate
 - (c) To keep delaying something
 - (d) To treat badly
4. The antonym of the word 'indolent' is:
 - (a) Decent (b) Active
 - (c) Futuristic (d) Quiet
5. What will happen if we do not act quickly during war?
 - (a) The destiny of the nation could be changed forever
6. It has been raining.....morning.
 - (a) from (b) since
 - (c) for (d) till
7. There was an argument.....two girls.
 - (a) among (b) amidst
 - (c) between (d) with
8. Every citizen must abide.....law.
 - (a) by (b) to
 - (c) with (d) after
9. Rashid plays.....sitar beautifully.
 - (a) a (b) an
 - (c) the (d) with

Specify the tenses of the following sentences :(Q. No. 10-12)

10. My brother has just gone out.
 - (a) Simple Past (b) Present Perfect
 - (c) Past Perfect (d) Future Perfect

11. I was sleeping in the afternoon.
 (a) Past Perfect (b) Past Continuous
 (c) Present Perfect (d) Present Continuous
12. I shall meet you tomorrow.
 (a) Simple Present (b) Present Continuous
 (c) Past Continuous (d) Simple Future
- Change the voice of the following sentences:
 (Q No. 13 to 15)**
13. Do you speak Urdu?
 (a) Will you speak Urdu?
 (b) Is Urdu spoken by you?
 (c) Will Urdu be spoken by you?
 (d) Urdu is to be spoken by you.
14. Post this letter.
 (a) Let this letter be posted.
 (b) You have to post this letter.
 (c) The letter is to be posted by me.
 (d) None of these
15. Padma sings a song.
 (a) A song is sung by Padma.
 (b) A song was sung by Padma.
 (c) A song is to be sung by Padma.
 (d) A song is being sung by Padma.
- Specify the kind of sentences in question no.
 16 to 18**
16. Kashmir is an inseparable part of India.
 (a) Interrogative Sentence
 (b) Exclamatory Sentence
 (c) Negative Sentence
 (d) Assertive Sentence
17. How difficult the question paper is!
 (a) Exclamatory Sentence
 (b) Assertive Sentence
 (c) Interrogative Sentence
 (d) Negative Sentence
18. Who is the President of India?
 (a) Exclamatory Sentence
 (b) Assertive Sentence
 (c) Interrogative Sentence
 (d) Negative Sentence
19. Twenty years from now we.....in digital-ly equipped buildings.
 (a) are living (b) is living
 (c) will be living (d) were living
20. The Language Lab in my school.....with computers and headphones for each student.
 (a) are equipped (b) is equipped
 (c) had equipped (d) is equipping
- Change the narration in questions no. 21 to 23.**
21. Gaurav said, "I want to study medicine."
 (a) Gaurav said that I want to study medicine.
 (b) Gaurav expressed his wish that I want to study medicine
 (c) Gaurav said that he wanted to study medicine
 (d) Gaurav told me that he wants to study medicine
22. Ramya says, "I shall go to Delhi tomorrow."
 (a) Ramya said that she would go to Delhi the next day.
 (b) Ramya said that she would go to Delhi tomorrow.
 (c) Ramya said that she wanted to go to Delhi the next day.
 (d) Ramya says that she will go to Delhi tomorrow
23. My father said, "Honesty is the best policy."
 (a) My father said that honesty is the best policy.
 (b) My father said that honesty was the best policy
 (c) My father said that honesty has always been the best policy.
 (d) My father advised me that honesty was the best policy.
24. The antonym of '*fame*' is
 (a) Unfame (b) Defame
 (c) Infame (d) Reframe
25. The synonym of '*artificial*' is:
 (a) Original (b) Metallic
 (c) Ornamental (d) Polished
26. The Scheduled Castes and Scheduled Tribes (Prevention of Atrocities) Act was framed in the year:
 (a) 1985 (b) 1987
 (c) 1989 (d) 1995

27. A committee that was set up in 2005 to examine the social, economic and educational status of Muslim community in India was:
 (a) Narasimham Committee
 (b) Sachar Committee
 (c) Sri Krishna Committee
 (d) Naresh Chandra Committee
28. The key players in Indian criminal justice system is/are:
 (a) Criminal and Police
 (b) Police, Public Prosecutor, Defence Lawyer and Judge
 (c) Police and Public Prosecutor
 (d) Police, Defence Lawyer and Judge
29. What is full form of PIL?
 (a) Public Interest Litigation
 (b) Private Interest Litigation
 (c) Peoples Interest Litigation
 (d) Personal Interest Litigation
30. The Parliament in India consists of:
 (a) The President, the Lok Sabha and the Rajya Sabha
 (b) The Lok Sabha and the Rajya Sabha
 (c) Lok Sabha only
 (d) Prime Minister, the Lok Sabha and the Rajya Sabha
31. The Fundamental Rights enumerated in the Indian Constitution does NOT include:
 (a) Right to Equality
 (b) Cultural and Educational Rights
 (c) Right to Constitutional remedies
 (d) Right to property
32. In this type of farming, land is used for growing food and fodder crops and rearing livestock:
 (a) Subsistence farming
 (b) Shifting cultivation
 (c) Mixed farming
 (d) Horticulture
33. Match the following correctly:

Nuclear Power	Station State
1- Kalpakkam	i. Tamil Nadu
2. Tarapur	ii. Maharashtra
3. Narora	iii. Uttar Pradesh
4. Kaiga iv. Karnataka
 (a) 1-i 2-ii 3-iii 4-iv
 (b) 1-iii 2-ii 3-iv 4-i
 (c) 1-iv 2-iii 3-ii 4-i
 (d) 1-i 2-ii 3-iv 4-iii
34. Which one of the following methods is most appropriate to check soil erosion on steep slopes?
 (a) Shelter belts (b) Terrace cultivation
 (c) Mulching (d) Rock Dam
35. Which one of the following is a human made resource?
 (a) Spring Forest
 (b) Tropical Forest
 (c) Minerals
 (d) Medicines to treat Cancer
36. Which of the following is an example of Cooperative sector industries?
 (a) Hindustan Aeronautics Ltd.
 (b) Steel Authority of India Ltd.
 (c) Anand Milk Union Ltd.
 (d) Maruti Udyog Ltd.
37. Chauri-Chaura incident was associated with:
 (a) Non-Cooperation Movement
 (b) Civil Disobedience Movement
 (c) Quit India Movement
 (d) Swadeshi Movement
38. From the early 20th century who among the following played a notable role in promoting of education among Muslim girls/women?
 (a) Begum Rekeya Sakhawat Hossain
 (b) Begums of Bhopal
 (c) Both (a) & (b)
 (d) Begum Hazrat Mahal
39. Who was of the view that creative learning could be encouraged only within a natural environment?
 (a) Mahatma Gandhi
 (b) Rabindranath Tagore
 (c) Dr. Zakir Hussain
 (d) Pandit Madan Mohan Malviya
40. The first Cotton Mill in India was set up in the year 1854 in
 (a) Bombay (b) Calcutta

- (c) Kanpur (d) Coimbatore

41. The architect who designed New Delhi was

- (a) Edward Lutyens
(b) Le Corbusier
(c) George Wittet
(d) Edwin Maxwell Fry

42. Match the following correctly:

Leader of Revolt of 1857 **Place Associated**

- | | |
|-----------------------|-------------|
| 1. Nana Saheb | i. Faizabad |
| 2. Begum Hazrat Mahal | ii. Lucknow |
| 3. Kunwar Singh | iii. Kanpur |
| 4. Ahmadullah | iv. Bihar |

- (a) 1-i 2-ii 3-iii 4-iv
(b) 1-iii 2-ii 3-iv 4-i
(c) 1-iv 2-iii 3-ii 4-i
(d) 1-i 2-ii 3-iv 4-iii

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43. Which one of the following was NOT an example of Tribal Revolt that took place in the different parts of country against the exploitation by trader and moneylenders?

- (a) Kols (b) Santhal
(c) Warli (d) None of these

44. Under which land revenue system 'Village Headman' was given the charge of collecting the revenue and paying it to the company:

- (a) Permanent Settlement
(b) The Munro System
(c) Mahalwari Settlement
(d) Ryotwari Settlement

45. Who among the following ruler is known as "Tiger of Mysore"?

- (a) Haider Ali (b) Tipu Sultan
(c) Mir Jafar (d) Sirajuddaulah

46. The measure of an angle if seven times its complement is 10° less than three times its supplement is:

- (a) 25° (b) 30°
(c) 45° (d) 60°

47. Number of diagonals in a polygon having 10 sides is:

- (a) 28 (b) 35
(c) 40 (d) 30

48. Arrangement of the numbers $\frac{4}{-5}$, $\frac{-1}{2}$, $\frac{-11}{20}$ and $\frac{3}{4}$ in descending order is

- (a) $\frac{3}{4} > \frac{-1}{2} > \frac{-11}{20} > \frac{4}{-5}$
(b) $\frac{-1}{2} > \frac{-11}{20} > \frac{3}{4} > \frac{4}{-5}$
(c) $\frac{4}{-5} > \frac{-11}{20} > \frac{-1}{2} > \frac{3}{4}$
(d) $\frac{3}{4} > \frac{4}{-5} > \frac{-11}{20} > \frac{-1}{2}$

49. Value of $\left(\frac{2}{9^3}\right)\left\{\left(\frac{3^0}{4^{-1}}\right)\right\}^3\left\{\left(\frac{2^3}{27}\right)\right\}^{-2}$ is

- (a) 4 (b) 1
(c) 3 (d) 2

50. Remainder after finding square root of 402.12680 up to 3 places of decimal is:

- (a) 1399 (b) 931
(c) 3991 (d) 991

51. A solid cube is melted and recast into a cylinder with base radius equal to half of the edge of the cube. Taking $\pi = \frac{22}{7}$, ratio of the height of cylinder to its base radius is:

- (a) 12:7 (b) 24:13
(c) 18:7 (d) 28:11

52. Area of square inscribed in a circle of radius 'r' is:

- (a) $2r^2$ (b) $4r^2$
(c) $6r^2$ (d) r^2

53. Number of edges in a pentagon prism are:

- (a) 15 (b) 12
(c) 18 (d) 16

54. If $\frac{5a-5b}{4a+4b} = \frac{1}{6}$, then $b : a =$

- (a) 2:5 (b) 4:7
(c) 7:4 (d) 5:2

55. A rectangular sheet of tin of length 44 cm and width 20 cm is rolled along its width to make a cylinder. Capacity of the cylinder so formed in litres will be:

- (a) 3.08 (b) 4.2
(c) 2.98 (d) 3.04

56. What will be the number of vertices in a polyhedron which has 33 edges and 15 faces

- (a) 18 (b) 22
(c) 16 (d) 20

57. What should be added to 97321 to make it a perfect square number?

- (a) 24 (b) 23
(c) 18 (d) 25

58. If $\sqrt[3]{x\sqrt{2-3\sqrt{2}}-\sqrt{2}}=0$ then $x =$

- (a) 4 (b) 3
(c) 5 (d) 1

59. Value of

$$\frac{(17.65)^3 - 3 \times 17.65 \times 17.65 \times 4.15 + 52.95 \times (4.15)^2 - (4.15)^3}{27 \times 27 \times 27}$$

- (a) 12.35 (b) 1.625
(c) 6.45 (d) 0.125

60. Which of the following is not a property of kite?

- (a) One pair of opposite angles are equal.
(b) Diagonals bisect each other.
(c) Diagonals are perpendicular.
(d) Two pairs of adjacent sides are equal.

61. One card is drawn from a well shuffled deck of 52 cards. Probability that the card will be red colored face card is:

- (a) 12/52 (b) 1/13
(c) 3/26 (d) 12/26

62. The average weight of 8 persons is increased by 2.5 kg, when one of them is replaced by a new man with weight 76 kg. Weight of the man which was replaced by new one was:

- (a) 56 kg (b) 60 kg
(c) 58 kg (d) 52 kg

63. Two numbers are respectively 68% and 26% more than a third number. What percent is the second number of the first one?

- (a) 60% (b) 50%
(c) 45% (d) 75%

64. The HCF of two numbers is 1/5th of their LCM. If the product of the two numbers is 720. Their HCF is:

- (a) 6 (b) 12
(c) 8 (d) 20

65. Value of $\sqrt{42 - \sqrt{42 - \sqrt{42 - \sqrt{42 - \dots}}}}$ is

- (a) -7 (b) 6

- (c) 12 (d) 21

66. Measure of interior angle of a regular polygon with 10 sides is:

- (a) 144° (b) 36°
(c) 135° (d) 145°

67. Which of the following is additive inverse of -3/4?

- (a) -4/3 (b) 0
(c) 3/4 (d) 4/3

68. What must be subtracted from the sum of $5\frac{1}{2}$ and $3\frac{1}{5}$ to get a remainder equal to their difference?

- (a) $6\frac{2}{5}$ (b) $1\frac{3}{5}$
(c) $2\frac{1}{2}$ (d) $4\frac{1}{3}$

69. Which of the following is NOT correct?

- (a) Integers are closed under subtraction and multiplication.
(b) Whole numbers are closed under addition.
(c) Natural numbers are closed under addition and subtraction.
(d) Rational numbers are closed under subtraction and multiplication

70. Value of $2 - \frac{8}{5 + \frac{4}{1 - \frac{2}{3}}}$ is

- (a) 1 (b) 4
(c) 5 (d) 2

71. A complete cylindrical drill of radius 6 cm is made in a solid cylinder with base radius 8 cm and height 10 cm. Total surface area of this hollow cylinder will be (use $\pi = \frac{22}{7}$)

- (a) 1008 cm² (b) 1246 cm²
(c) 1098 cm² (d) 1056 cm²

72. Which of the following are twin prime numbers?

- (a) 11, 13 (b) 17, 18
(c) 7, 13 (d) 3, 7

73. Value of x after solving is:

$$x - \frac{x-3}{2} - \frac{1}{3} \left(4 - \frac{3-2x}{2} \right) = \frac{1}{3}$$

(a) 1 (b) 2

- (c) -1 (d) -2
74. Which of the following is not correct?
 (a) All Rectangles are parallelogram
 (b) All Rhombuses are squares
 (c) All Parallelograms are trapeziums
 (d) All Rhombuses are kites
75. Interest of Rs. 50,000 for $1\frac{1}{2}$ years at the rate of 8% per annum compounded half yearly is:
 (a) Rs. 6342.40 (b) Rs. 5624.30
 (c) Rs. 6243.20 (d) Rs. 5246.50
76. Substances which are called lubricants are used to
 (a) Decrease frictions
 (b) Increases frictions
 (c) Increase or decrease friction
 (d) None of these
77. The cells which can change its shape are:
 (a) Amoeba cell (b) WBC
 (c) Both of these (d) None of these
78. Black gold is actually:
 (a) Gold which became black on burning
 (b) Petroleum (c) Diamond Gold
 (d) sold in black market
79. When we stand in front of our dressing table, our left hand seems to be right and right seems to be left. This is called
 (a) Left-right confusion
 (b) Mirage
 (c) Up-side down phenomenon
 (d) Lateral inversion
80. When a glass rod is rubbed with a piece of silk cloth then the rod:
 (a) And the cloth both acquires positive charge.
 (b) Becomes positively charged while the cloth has a negative charge.
 (c) And the cloth both acquires negative charge.
 (d) Becomes negative charged while the cloth has a positive charge.
81. What is the name of the endocrine gland which controls the production of the male and female hormone?
 (a) Pituitary gland (b) Adrenal gland
 (c) Thyroid gland (d) Testes
82. When electric current is passed through a conducting solution, there is a change of colour of the solution. This indicates:
 (a) The lightning effect of current
 (b) The heating effect of current
 (c) The magnetic effect of current
 (d) The chemical effect of current
83. The number of nuclei present in a zygote is
 (a) None (b) One
 (c) Two (d) Four
84. The loudness of sound is determined by the
 (a) Amplitude of vibration
 (b) Ratio of amplitude and frequency of vibration
 (c) Frequency of vibration
 (d) Product of amplitude and frequency of vibration
85. Which of the following is not a member of the solar system?
 (a) An asteroid (b) A satellite
 (c) A Comet (d) A constellation
86. Four children were asked to arrange forces due to rolling, static, and sliding frictions in a decreasing order. Their arrangements are given below. Choose the correct arrangement:
 (a) Rolling, static, sliding
 (b) Rolling, sliding, static
 (c) Static, sliding, rolling
 (d) Sliding, static, rolling
87. The fibre made up by the chemical treatment of wood pulp is:
 (a) Rayon (b) Nylon
 (c) Polyester (d) None of these
88. Which one of the following forces is a contact force ?
 (a) Force of gravity (b) Force of friction
 (c) Magnetic force (d) Electrostatic force
89. Structures present in a cell which is responsible for determination of the sex of a baby is :
 (a) Cytoplasm (b) Cell membrane
 (c) Nucleus (d) Chromosome
90. In human beings, the correct sequence of events during reproduction is :
 (a) Gamete formalin, fertilization, zygote, embryo
 (b) Embryo, zygote, fertilization, gamete formalin

- (c) Fertilization, Gamete formalin, embryo, zygote
(d) Gamete formalin, fertilization, embryo, zygote
91. The non-metal which is liquid at room temperature is:
(a) Phosphorus (b) Mercury
(c) Bromine (d) Chlorine
92. The place of living of an organism in environment is called:
(a) Home (b) Resort
(c) Reservoir (d) Habitat
93. Which of the following statements are true for eukaryotic cells?
(i) They do not have a nuclear membrane
(ii) They have a well organized nucleus
(iii) They have a nuclear membrane
(iv) Blue green algae are eukaryotic cells
(a) ii and iv (b) ii and iii
(c) i and ii (d) i and iv
94. Like fuels the sun also provides heat and light. The process taking place in the sun is called:
(a) Burning (b) Nuclear process
(c) Combustion (d) All of these
95. The metal which is stored in kerosene:
(a) Phosphorus (b) Magnesium
(c) Sodium (d) Zinc
96. Why are coal, petroleum and Natural gas called fossil fuels?
(a) It burns directly for burning
(b) It does not produce any pollution
(c) The remains of dead plants and animals
(d) They are formed by Fossils
97. Examples of multi-cellular microorganism are:
(a) Algae, Bacteria
(b) Algae and Fungi
(c) Bacteria and viruses
(d) Bacteria and Fungi
98. Match the items given in Column A with those in Column B suitably:
- | Column A | Column B |
|------------------------|-------------------|
| (i) Polio | (a) Legumes |
| (ii) Malaria | (b) Antibiotics |
| (iii) Rhizobium | (c) Yeast |
| (iv) Alexander Fleming | (d) Viral disease |
| (v) Bread making | (e) Mosquito |
- (a) ii-d, i-e, iii-a, iv-b, v-c
(b) i-d, iii-e, ii-a, iv-b, v-c
(c) i-d, ii-e, iii-a, iv-c, v-b
(d) i-d, ii-e, iii-a, v-b, iv-c
99. Weeds are the:
(a) Main crop plants (b) Insects and pets
(c) Unwanted plants growing along the crop
(d) Chemical substances
100. The plastics which do not remould again on heating are called:
(a) Thermosetting plastics
(b) Thermoplastic
(c) Both of these
(d) None of these

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1. (d) 2. (b) 3. (c) 4. (b) 5. (c) 6. (b) 7. (c) 8. (a) 9. (a)
10. (b) 11. (b) 12. (d) 13. (b) 14. (a) 15. (a) 16. (d) 17. (a) 18. (c)
19. (a) 20. (b) 21. (c) 22. (d) 23. (a) 24. (b) 25. (a) 26. (d) 27. (b)
28. (b) 29. (a) 30. (a) 31. (d) 32. (c) 33. (a) 34. (b) 35. (d) 36. (c)
37. (a) 38. (c) 39. (b) 40. (a) 41. (a) 42. (b) 43. (c) 44. (a) 45. (b)
46. (a) 47. (b) 48. (a) 49. (d) 50. (c) 51. (d) 52. (a) 53. (a) 54. (b)
55. (a) 56. (d) 57. (b) 58. (c) 59. (d) 60. (a) 61. (c) 62. (a) 63. (d)
64. (b) 65. (b) 66. (a) 67. (c) 68. (a) 69. (c) 70. (c) 71. (d) 72. (a)
73. (d) 74. (b) 75. (c) 76. (a) 77. (c) 78. (b) 79. (d) 80. (b) 81. (d)
82. (d) 83. (c) 84. (a) 85. (c) 86. (c) 87. (a) 88. (b) 89. (d) 90. (a)
91. (c) 92. (d) 93. (b) 94. (a) 95. (c) 96. (d) 97. (b) 98. (d) 99. (c)
100. (a)