

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

# TEST BOOKLET NO-25014

## PAPER-I

Time : 2:00 hrs

Total Marks: 150

GENERAL ENGLISH & GENERAL KNOWLEDGE

### INSTRUCTIONS TO CANDIDATES

*Read the instructions carefully before answering the questions: -*

1. This Test Booklet consists of 20 (twenty) pages and has 97( ninety seven ) items (questions).
2. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
3. Please note that it is the candidate's responsibility to fill in the Roll Number and other required details carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet and the Separate Answer Booklet. Any omission/discrepancy will render the OMR Answer Sheet and the Separate Answer Booklet liable for rejection.
4. Do not write anything else on the OMR Answer Sheet except the required information. Before you proceed to mark in the OMR Answer Sheet, please ensure that you have filled in the required particulars as per given instructions.
5. Use **only Black Ball Point Pen** to fill the OMR Answer Sheet.
6. This Test Booklet is divided into 2 (two) parts - **Part - I & Part - II**
7. Both parts are **Compulsory**.
8. **Part-I consists of Multiple Choice-based Questions.** The answers to these questions have to be marked in the **OMR Answer Sheet** provided to you.
9. **Part - II consists of Conventional Questions.** The answers to these questions have to be written in the **Separate Answer Booklet** provided to you.
10. In Part-I, each item (question) comprises of 04 (four) responses (answers). You are required to select the response which you want to mark on the OMR Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
11. After you have completed filling in all your responses on the OMR Answer Sheet and the Answer Booklet(s) and the examination has concluded, you should hand over to the Invigilator **only the OMR Answer Sheet and the Answer Booklet(s)**. You are permitted to take the Test Booklet with you.
12. **Penalty for wrong answers in Multiple Choice-based Questions:**  
THERE WILL BE **PENALTY** FOR WRONG ANSWERS MARKED BY A CANDIDATE.
  - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third** of the marks assigned to the question will be deducted as penalty.
  - (ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to the question.
  - (iii) If a question is left blank. i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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**PART -I**

**MULTIPLE CHOICE BASED QUESTIONS**

**ELEMENTARY MATHEMATICS**

(15 X 2 = 30 Marks)

1. If the center of a circle is (3, 5) and end points of a diameter are (4, 7) and (2, y), then the value of y is-  
  
A) 3  
B) -3  
C) 7  
D) 4
  
2. The distance of the point (-12, 5) from the origin is  
  
A) 12  
B) 5  
C) 13  
D) 169
  
3. Two poles of height 6m and 11m stand vertically upright on a plane ground. If the distance between their foot is 12m, then distance between their tops is-  
  
A) 12m  
B) 14m  
C) 13m  
D) 11m
  
4. A chord of a circle of radius 10cm, subtends a right angle at its center. The length of the chord (in cm) is  
  
A)  $\frac{5}{\sqrt{2}}$   
B)  $5\sqrt{2}$   
C)  $10\sqrt{2}$   
D)  $10\sqrt{3}$

5. The probability that a number selected at random from the number 1, 2, 3, ..., 15 is a multiple of 4 is

A)  $\frac{4}{15}$

B)  $\frac{2}{15}$

C)  $\frac{1}{15}$

D)  $\frac{1}{5}$

6. Two Coins are tossed simultaneously. The probability of getting at most one head is

A)  $\frac{1}{4}$

B)  $\frac{1}{2}$

C)  $\frac{2}{3}$

D)  $\frac{3}{4}$

7. If the points  $(a, 0)$ ,  $(0, b)$  and  $(1, 1)$  are collinear, then  $\frac{1}{a} + \frac{1}{b}$  equals –

A) 1

B) 2

C) 0

D) -1

8. The distance between the points  $(a\cos\theta + b\sin\theta, 0)$ , and  $(0, a\sin\theta - b\cos\theta)$  is-

A)  $a^2 + b^2$

B)  $a^2 - b^2$

C)  $\sqrt{a^2 + b^2}$

D)  $\sqrt{a^2 - b^2}$



9. The co-ordinates of the point, which is a reflection of point  $(-3, 5)$ , in x-axis, are:

- A)  $(3, 5)$
- B)  $(3, -5)$
- C)  $(-3, -5)$
- D)  $(-3, 5)$

10. The point  $P$  on x-axis, equidistant from the points  $A(-1, 0)$  and  $B(5, 0)$  is:

- A)  $(2, 0)$
- B)  $(0, 2)$
- C)  $(3, 0)$
- D)  $(-3, 5)$

11. If the mean of the first  $n$  natural numbers is  $\frac{5n}{9}$ , then  $n =$

- A) 5
- B) 4
- C) 9
- D) 10

12. The arithmetic mean and mode of a data are 24 and 12 respectively, then its median is

- A) 25
- B) 18
- C) 20
- D) 22

13. The arithmetic mean of  $1, 2, 3, \dots, n$  is

- A)  $\frac{n+1}{2}$
- B)  $\frac{n-1}{2}$
- C)  $\frac{n}{2}$
- D)  $\frac{n+1}{2}$

14. The mean of first  $n$  odd natural numbers is  $\frac{n^2}{81}$ , then  $n =$

- A) 9
- B) 81
- C) 27
- D) 18

15. If the arithmetic mean of 7, 8,  $x$ , 11, 14 is  $x$ , then  $x =$

- A) 9
- B) 9.5
- C) 10
- D) 10.5

### GENERAL KNOWLEDGE

( 50 X 1 = 50 MARKS)

16. India's first World Peace Centre has been inaugurated in which city?

- A) Pune
- B) Gurugram
- C) Chandigarh
- D) New Delhi

17. The Geological Survey of India (GSI) operates under which ministry?

- A) Ministry of Finance
- B) Ministry of Earth science
- C) Ministry of Mines
- D) Ministry of Science and Technology

18. Which Wild Life Sanctuary has been declared the second habitat for Asiatic lions under Project Lion?

- A) Barda Wildlife Sanctuary
- B) Periyar wildlife Sanctuary
- C) Kumbhalgarh Wildlife Sanctuary
- D) Chinnar Wildlife Sanctuary

19. According to recent report which Indian state has reported to have highest numbers of Gangetic dolphins in the country?

- A) Bihar
- B) West Bengal
- C) Jharkhand
- D) Uttar Pradesh

20. Tropical Cyclone 'Alfred' hit which country recently?

- A) Australia
- B) India
- C) Cuba
- D) USA

21. Under the Sikkim Registration of Tourist Trade Rules 2025, Sikkim government is charging an entry fee from tourists from March 2025. What is the amount that is being charged?

- A) Rupees 15
- B) Rupees 100
- C) Rupees 50
- D) Rupees 150

22. At which of the following places, green pamphlet was issued by Mahatma Gandhi?

- A) Calcutta
- B) Surat
- C) Rajkot
- D) Sabarmati

23. Which among the following books was authored by Mahatma Gandhi?

- A) The Hindu view of Life
- B) Discovery of India
- C) My Truth
- D) Hind Swaraj

24. Consider the facts about Mahatma Gandhi:

- (i) His first major movement in India was Champaran Satyagraha. (1917)
- (ii) He studied law in England and practiced in South Africa.
- (iii) He was the co-founder of Brahmo Samaj
- (iv) He wrote 'The Fugitive'

Which of the above statements are correct about Mahatma Gandhi? Choose the correct code from below:

- A) Only (i) and (ii)
- B) Only (ii)
- C) Only (ii), (iii) and (iv)
- D) All are correct

25. Which country topped the medal tally at the World Para Athletics Grand –Prix 2025?

- A) China
- B) India
- C) Thailand
- D) Indonesia

26. Bangladesh was created in ...?

- A) 1970
- B) 1972
- C) 1971
- D) 1973

27. What was the theme of the 8<sup>th</sup> National Seminar on 'Yoga and Naturopathy' that was held in Rongli, Sikkim?

- A) Stay Fit
- B) Wellness through Yoga
- C) Holistic Health
- D) Stay Stronger, Fitter, Healthier

28. Which trees are facing urgent ecological concern at Malbasey, Sikkim?

- A) Musure Katus
- B) Magnolia trees
- C) Cherry trees
- D) Lapsi trees

29. To enforce fundamental rights, which among the following court(s) has/have authority to issue writs?

- (i) Supreme Court
- (ii) High Court
- (iii) District Court



Select the correct code from below:

- A) Only (i)
- B) Only (i) and (ii)
- C) Only (ii) and (iii)
- D) (i), (ii) and (iii)

30. Which of the following is considered as the secondary pollutant?

- A) Benzene
- B) Sulphur Dioxide
- C) Carbon dioxide
- D) Ozone

31. 'Gyalpo Losar' is a festival of which community in Sikkim?

- A) Lepcha
- B) Magar
- C) Limboo
- D) Sherpa

32. What is the name of the Grand Slam tennis tournament played on clay court?

- A) Australian Open
- B) Wimbledon Championship
- C) French Open
- D) US Open

33. Indian Historical Records Commission (IHRC) is functioning under which ministry?

- A) Ministry of Culture
- B) Ministry of Home Affairs
- C) Ministry of Defence
- D) Ministry of Power

34. The largest Book Fair in India is held in ....?

- A) New Delhi
- B) Bangalore
- C) Kolkata
- D) Mumbai

35. The International Court of Justice is in which city?

- A) London
- B) The Hague
- C) Paris
- D) Copenhagen



36. Which among the following plateaus in India lie between Aravalli and Vindhya ranges?
- A) Chota Nagpur Plateau
  - B) Deccan Plateau
  - C) Malwa Plateau
  - D) None of these
37. The Water Sustainability Conference 2025 was organized in which city?
- A) Hyderabad
  - B) Chennai
  - C) Mumbai
  - D) New Delhi
38. What was the theme of the World TB day 2024?
- A) Yes! We can end TB!
  - B) The Clock is Ticking
  - C) Wanted: Leaders for a TB Free World
  - D) Invest to end TB: Save Lives
39. Which day is declared as 'World Football Day' by the UN in 2024?
- A) 23 May
  - B) 25 June
  - C) 25 May
  - D) 26 May
40. Khardong La mountain pass is located in which Indian state/union territory?
- A) Himachal Pradesh
  - B) Ladakh
  - C) Sikkim
  - D) Uttarakhand
41. Which among the following marks Mahatma Gandhi's first 'fast unto death'?
- A) Kheda Satyagraha
  - B) Champaran satyagraha
  - C) Jalianwala Bagh tragedy
  - D) Ahmedabad Mill Strike

42. Penicillin is extracted from....?

- A) Yeast
- B) Lichen
- C) Algae
- D) Fungus

43. What is the SI unit for luminous intensity?

- A) Candela
- B) Mole
- C) Ampere
- D) Weber

44. The branch of mechanics which deals with the study of motion of material objects without taking into accounts the factors which cause motion is called.....?

- A) Statics
- B) Kinematics
- C) Dynamics
- D) None of the above

45. Which of the following helps in blood clotting?

- A) Vitamin A
- B) Vitamin D
- C) Vitamin K
- D) Folic Acid

46. At which point of the Earth there is no gravity?

- A) At North and South Pole
- B) At Antarctica
- C) At the Equator
- D) At the Centre of the Earth

47. Which inert gas is substituted for Nitrogen in the air and is used by deep divers for breathing?

- A) Helium
- B) Argon
- C) Krypton
- D) Xenon

48. The filament of electric bulb is made of .....

- A) Nichrome
- B) Tungsten
- C) Graphite
- D) Iron

49. Which is the oldest civilization of the world?

- A) Indus valley
- B) Nile valley
- C) Mesopotamian
- D) Chinese civilization

50. Which ministry has launched the third edition of the PM- YUVA Scheme?

- A) Ministry of Culture
- B) Ministry of Youth Affairs and Sports
- C) Ministry of Home Affairs
- D) Ministry of Education

51. What is the primary objective of the PM-WANI Scheme?

- A) To provide free laptops to students
- B) To improve mobile network coverage in urban areas
- C) To promote digital payment system
- D) To provide affordable and high speed internet connectivity to rural and remote areas

52. What is the main objective of the 'Nandini Sahakar Scheme'?

- A) To improve socio-economic status of women through cooperatives
- B) To provide financial assistance to women who own small shops in urban areas
- C) To promote entrepreneurship among youth
- D) To support rural development projects

53. Which space agency is Sunita Williams associated with?

- A) ESA
- B) NASA
- C) ISRO
- D) JAXA

54. Who was the sole Indian weightlifter to qualify for the Paris Olympics 2024?

- A) Kunjarani Devi
- B) Gurdeep Singh
- C) Karnam Malleswari
- D) Mirabai Chanu



55. Consider the facts about the rivers in India:

- (i) The Narmada is the longest west-flowing river in India
- (ii) The Brahmaputra is a peninsular river.
- (iii) The Krishna river originates in Western Ghats
- (iv) The Yamuna river is a major tributary of the Ganges river

Which of the above statements are true? Choose the correct code from below:

- A) Only (i) and (iii)
- B) Only (ii), (iii) and (iv)
- C) Only (i), (iii) and (iv)
- D) All are true

56. Tribeny Rai of Sikkim is associated with.....?

- A) Poetry
- B) Film making
- C) Archery
- D) Acting

57. The tallest statue in the world is located in which dam?

- A) Bhakra Nangal Dam
- B) Tehri Dam
- C) Hirakud Dam
- D) Sardar Sarovar Dam

58. Consider the list of Books and authors:

<u>Books</u>	<u>Authors</u>
(i) Citizen Delhi: My Times, My Life	Sheila Dikshit
(ii) The Ministry of Utmost Happiness	Taslima Nasrin
(iii) 281 and Beyond	VVS Laxman
(iv) The Cost of Living	Arundhati Roy

Which of the above is/are correctly matched? Choose the correct code from below:

- A) Only (iii)
- B) Only (i) and (ii)
- C) Only (i), (iii) and (iv)
- D) All are correctly matched

59. The parliament of India is consisted of .....?

- A) Lok Sabha and Rajya Sabha
- B) Lok Sabha , Rajya Sabha and the President of India
- C) Lok Sabha, Rajya Sabha and the Prime minister of India
- D) Lok Sabha , Rajya Sabha and Council of ministers

60. Farmer Pempa Tshering Lepcha has bagged the FSRDA Best Farmer Award 2023-24. He is from which place in Sikkim?
- A) Dzongu
  - B) Thangu
  - C) Ravangla
  - D) Samdur
61. Which city of UAE has introduced a Gaming visa for Global Industry Leadership?
- A) Abu Dhabi
  - B) Sharjah
  - C) Kalba
  - D) Dubai
62. Which Southeast Asian country has released a special stamp on Lord Rama of Ayodhya in July 2024?
- A) Cambodia
  - B) Thailand
  - C) Laos
  - D) Singapore
63. Border Roads organization (BRO) functions under which ministry?
- A) Ministry of Home Affairs
  - B) Ministry of Road Transport and Highways
  - C) Ministry of Tourism
  - D) Ministry of Defence
64. 'Shigmo' festival is celebrated in which Indian state?
- A) Karnataka
  - B) Arunachal Pradesh
  - C) Nagaland
  - D) Goa
65. What term refers to the minimum temperature at which a combustible substance begins to ignite?
- A) Fireless temperature
  - B) Ignition temperature
  - C) Static temperature
  - D) Optimum temperature



## GENERAL ENGLISH

Read the following passage carefully and choose the correct options for the questions given below: (1x10=10)

Man does not live by food alone. Water is vital to human health and fitness. Although it is not a nutrient per se as carbohydrates, fats, protein, vitamins and minerals. It, in fact, is a key nutrient as no life is possible without it. Whereas we can do for weeks without food, we cannot live without water longer than a couple of days. Water approximates 60% of the body weight of human adults. The total amount of water in a man weighing 70 kilograms is approximately a little over 40 litres. It is an excellent solvent; more substances are soluble in water than in any other liquid known so far. This makes it an ideal constituent of the body fluids which sustain life supporting chemical reactions. It dissolves varied products of digestion and transports them to the rest of the body. Likewise, it dissolves diverse metabolic wastes and help drain them out of the body. Besides, it performs a variety of functions – some well-known and well understood while others not so well appreciated yet vital.

The no less important role of water is to distribute/dissipate the body heat efficiently, thereby regulating body's temperature. Water accomplishes this role ideally because it has high thermal conductivity ensuring rapid heat transfer from one part to the other.

Above all water has a high-specific heat, implying that it takes a lot of heat to raise the temperature of water and likewise much heat must be lost to lower its temperature. Drinking a lot of water is an inexpensive way to stay healthy. Even excess of water is harmless. Water therapy-drinking a litre or so the first thing in the morning is kidney friendly.

66. Which of the following is Not True about water:

- A) Water is an excellent soluble
- B) Water is a nutrient Like carbohydrate and proteins
- C) Water is vital to human health and fitness
- D) Water possesses a high specific heat

67. Water regulates body temperature efficiently as:

- A) It circulates easily
- B) It has high specific heat
- C) It dissolves food easily
- D) It has high thermal conductivity

68. Which word from the passage conveys opposite of 'similar'?

- A) Dissipate
- B) Diverse
- C) Accomplished
- D) Ideal



69. Water is vital to human health and fitness because:

- A) Man cannot live without food alone
- B) It is an excellent solvent
- C) We cannot survive for more than a couple of days without water
- D) Water is an inexpensive way to stay healthy

70. Water is called a key nutrient because:

- A) No life is possible without it
- B) It dissolves different products of digestion
- C) It carries products to the rest of the body
- D) It raises temperature of the body

71. Which word from the passage is synonym of 'maintain'?

- A) Supporting
- B) Sustain
- C) Diverse
- D) Varied

72. What does the author mean when he uses the word 'regulating' in the above passage?

- A) Implementing
- B) Associating
- C) Controlling
- D) Assessing

73. Which component is an inexpensive way to stay healthy?

- A) Water
- B) Minerals
- C) Vitamins
- D) Proteins

74. Which activity is considered as water therapy?

- A) Its high thermal conductivity ensuring rapid heat transfer from one part to another
- B) Drinking excess quantity of water
- C) Drinking water to maintain body temperature
- D) Drinking a litre of water in the morning

75. Water is an ideal constituent of the body fluids because:

- A) It dissolves metabolic wastes
- B) It drains wastes out of the body
- C) It regulates excretion of urine
- D) It is an excellent solvent

There are sentences given in Active/Passive voice. Out of the four alternatives suggested below, select the one which best expresses the same in Passive/Active voice: (1x5=5)

76. Who taught you Nepali?

- A) By whom you were taught Nepali?
- B) By whom were you taught Nepali?
- C) By whom was Nepali taught to you?
- D) Were you taught Nepali by someone?

77. Aditya saw Pema shopping at the mall.

- A) Pema was seen shopping at the mall by Aditya.
- B) Pema is seen shopping at the mall by Aditya.
- C) Pema was being seen shopping at the mall by Aditya.
- D) Pema has been shopping at the mall when Aditya saw her.

78. This shirt cannot be worn by me any longer.

- A) I cannot wear this shirt any longer.
- B) Wearing of this shirt any longer is not possible.
- C) This shirt is too worn out to be worn any longer.
- D) This worn out shirt cannot be worn any longer.

79. Paint the doors.

- A) Doors should be painted.
- B) Let be the doors painted.
- C) Doors are left to be painted.
- D) Let the doors be painted.

80. Somebody told me that there had been an explosion in the park nearby?

- A) I was told by somebody about the explosion in the park nearby.
- B) I have been told about the explosion in the park nearby.
- C) I was informed that there was an explosion in the park nearby.
- D) I was told by somebody that there had been an explosion in the park nearby.

Choose the correct prepositions for the blanks in the given sentences: (1x5=5)

81. He gave a talk \_\_\_\_\_ ethical issues of social media.

- A) of
- B) on
- C) for
- D) off

82. 'Don't miss \_\_\_\_\_ any important point', our teacher told us.

- A) on
- B) of
- C) about
- D) out

83. Most people prefer taking \_\_\_\_\_ a hobby to relieve stress.

- A) up
- B) in
- C) at
- D) to

84. The colour of pure maple may range \_\_\_\_\_ golden honey to light brown.

- A) of
- B) to
- C) from
- D) above

85. Her name comes \_\_\_\_\_ mine on the list.

- A) to
- B) from
- C) into
- D) above

There are sentences given with underlined word/words. Correct the sentences by choosing the correct word/words from the options given below: (1x5=5)

86. The small child does whatever his father was done.

- A) has done
- B) did
- C) does
- D) had done

87. You need not come unless you want to.

- A) You don't need to come unless you want to.
- B) You come only when you want to.
- C) You need not come until you don't want to.
- D) You come unless you don't want to.



88. The man to who I sold my house was a cheat.

- A) to whom I sell
- B) to who I sell
- C) to whom I sold
- D) No correction needed

89. They were all shocked at his failure in the competition.

- A) were shocked at all
- B) had all shocked at
- C) have all shocked at
- D) No correction needed

90. He is too important for tolerating any delay.

- A) to tolerate
- B) to tolerating
- C) at tolerating
- D) No correction needed

Choose the correct meaning of the underlined idioms/phrases in the given sentences from the options given below: (1x5=5)

91. He is a queer fish, I have failed to understand him.

- A) Funny person
- B) Strange person
- C) Quarrelsome
- D) Sensitive

92. In everything she does, she has an eye to the main chance.

- A) She is always ready to use a situation to her own advantage
- B) She organizes it well
- C) She does not leave things to chance
- D) She has an eye to select things

93. I stood my ground in spite of many pressures.

- A) Was obstinate
- B) Felt shaky
- C) Remained firm
- D) Was prejudiced

94. He just paid him a left handed compliment.

- A) An honest
- B) An insincere
- C) A flattering
- D) A well deserved

95. It is clear that the ideas of both reformers ran in the same groove.

- A) Promoted each other
- B) Clashed with each other
- C) Moved in different directions
- D) Advanced in harmony

## PART – II

### CONVENTIONAL ENGLISH

96. Write an essay on any one of the following topics: (30 Marks)

A) IMPORTANCE OF ECO-FRIENDLY TOURISM IN HILLS

OR

B) IMPACT OF GLOBALIZATION ON CULTURAL IDENTITY

97. Write a précis of the following passage: (10 Marks)

There is a lot of potential for rural tourism in India though it is in a nascent stage now. But it will grow. There is a huge market out there. 'Rural' as an entity is fast disappearing, especially in the developed world. Even for young urban Indians, rural would be something that they would want to connect to. Both Indians and foreigners can be targeted and for the foreigners the experience is a novelty.

Rural India has much to offer to the world. Rich in traditions of arts, crafts and culture, parts of rural India can emerge as important tourist spots. Those in the developed world who have a craze for knowledge about traditional ways of life, arts and crafts will be attracted to visit rural India if the concept of rural tourism is marketed well. Some states in India are taking their own initiatives to promote rural tourism, the main objective being to generate employment opportunities. Rural tourism may include heritage tourism, farm tourism, pilgrim tourism, adventure tourism, nature tourism or folkways and ancient culture tourism. Few examples of specific tourism in India are Shanti Niketan in West Bengal, the hills of Uttar Pradesh, mask dances of Sikkim, Holi festival of Nandagaon in Varanasi, back waters of Kerala, Teej festival of Rajasthan etc.

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