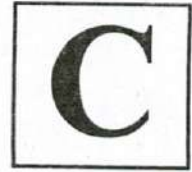


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TR/SIEX/GS/23

**TEST BOOKLET
GENERAL STUDIES**

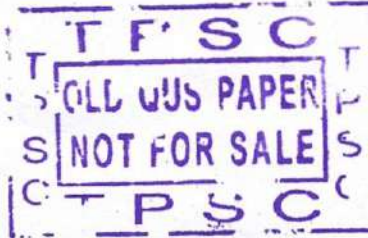
Test Booklet Series



(Signature of the Candidate)

(Invigilator's Signature)

Time Allowed – 3 hours (Three hours)



Maximum Marks – 130

INSTRUCTIONS

1. PLEASE CHECK. THE TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. **ENCODE CLEARLY THE TEST BOOKLET SERIES IN THE APPROPRIATE PLACE IN THE ANSWER SHEET BY BLACK BALL POINT PEN ONLY.**
3. (a) This Test Booklet is divided into two parts, i.e., PART-I & PART-II.
(b) **PART-I (MCQ Pattern)** contains 90 items (questions). Each question, carrying 1 (one) mark only, has four responses (answers). You will choose 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 most appropriate. In any case, choose **ONLY ONE** response for each item.
(c) Question under **PART-II (Conventional Pattern)** contains 02 (two) items (questions), which are to be answered in separate Answer Book.
4. You have to mark all your responses of **PART-I** by **Black Ball Point Pen** only on the separate OMR Answer Sheet provided. See directions in the Answer Sheet.
5. Before you proceed to answer the responses to various items in the Test Booklet, you have to fill in some particulars both in the OMR Answer Sheet for **PART-I** and in the Answer Book for **PART-II**.
6. On the completion of the Examination you should handover the OMR Answer Sheet for **PART-I** and Answer Book for **PART-II** to the Invigilator only. You are permitted to take the Test Booklet with you.
7. Sheets for rough work are appended on the Test Booklet at the end.
8. **Penalty for wrong answers for PART-I only :**
 - (a) There will be four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
 - (b) 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 that question.
 - (c) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

DO NOT OPEN THIS TEST BOOKLET TILL YOU ARE ASKED TO DO SO.

Four options are given against each of the following questions. Select the best/correct option from among the four options and encode in the Answer Sheet by using **Black Ball Point Pen** only as per example given below :

Example : The capital of India is

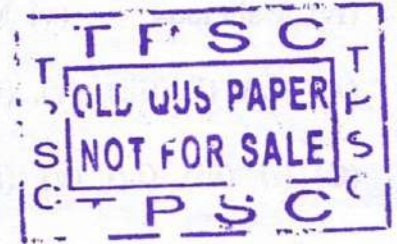
(A) Delhi

☒ New Delhi

(C) Indraprastha

(D) None of these

PART - I
GENERAL STUDY
(MCQ Pattern)
Marks - 90



- Which of the following is a non-communicable disease ?
 (A) Amaebiasis (B) Malaria
 (C) Arthritis (D) Tuberculosis
- Noise pollution is measured in decibels (db). Sound becomes hazardous in noise pollution above
 (A) 30 db (B) 80 db
 (C) 100 db (D) 120 db
- In a row A is in the 11th position from the left and B is in the 10th position from the right. If A and B interchange, then A becomes 18th from the left. How many persons are there in the row other than A and B ?
 (A) 27 (B) 26
 (C) 25 (D) 24

4. In a queue, Mr. X is fourteenth from the front and Mr. Y is seventeenth from the end, while Mr. Z is exactly in between Mr. X and Mr. Y. If Mr. X is ahead of Mr. Y and there are 48 persons in the queue, how many persons are there between Mr. X and Mr. Z ?
- (A) 6 (B) 7
(C) 8 (D) 9
5. Select the option that represents the correct order of the given words as they would appear in an English dictionary :
- (i) Manuscript (ii) Minor (iii) Melody
(iv) Malicious (v) Memory
- (A) (iv), (i), (iii), (v), (ii) (B) (iv), (i), (v), (ii), (iii)
(C) (i), (iii), (iv), (v), (ii) (D) (i), (iv), (iii), (v), (ii)
6. Given that :
- (i) A is the brother of B
(ii) C is the father of A
(iii) D is the brother of E
(iv) E is the daughter of B, then the uncle of D is
- (A) A (B) B
(C) C (D) D
7. Six boys are so standing that they form a circle, each facing the centre. Rabi is to the left of Ramen, Subrata is between Abir and Biman, Bimal is between Rabi and Abir. Who is the left of Bimal ?
- (A) Rabi (B) Subrata
(C) Abir (D) Ramen

8. Rahul ranked 16th from the top and 29th from the bottom in a class among those who passed an examination. Six boys abstained from the examination and five failed. How many boys were in the class?

- (A) 44 (B) 50
(C) 55 (D) 56

9. Out of 120 applicants for a post, 70 are males and 80 have driving licenses. What is the ratio between the minimum to maximum number of males having driving licenses?

- (A) 1 : 2 (B) 2 : 3
(C) 5 : 7 (D) 3 : 7

10. Consider that :

- (i) A is taller than B
(ii) C is taller than A
(iii) D is taller than C
(iv) E is the tallest of all

If they are made to sit in the above order of their height, who will occupy the mid position?

- (A) A (B) B
(C) C (D) D

11. Which of the alternatives will replace the question mark (?) of the number series?

5, 13, 25, ?, 61

- (A) 41 (B) 42
(C) 31 (D) 43

12. Six friends, David, Bhanu, Minto, Krita, John and Nisan, are sitting in a circle with their backs towards the centre. David and Minto are sitting to the immediate left and right of Bhanu, respectively. John is not sitting to the immediate left of David. Nisan is sitting third to the right of Bhanu. Who is sitting second to the left of Bhanu?

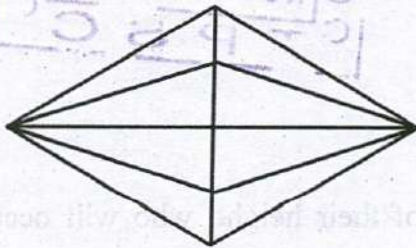
- (A) John (B) Krita
(C) Nisan (D) Minto

13. Each question consists of two words which have a certain relationship to each other followed by four pairs of related words, select the pair which has the same relationship.

After : before

- (A) First : Second (B) Present : Past
(C) Contemporary : Historic (D) Successor : Predecessor

14. How many triangles are there in the given figure?



- (A) 13 (B) 32
(C) 21 (D) 24

15. In the following question, a series is given with one term missing, choose the correct alternative from the given options : 1, 2, 6, 15, ____, 56, 92.

- (A) 30 (B) 32
(C) 34 (D) 31

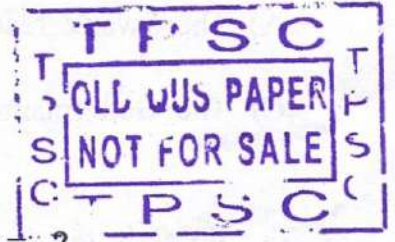
16. In a certain code language 'KEYBOARD' is written as 'FMGAGQCT'. How will be 'TOUCHPAD' written in that code language ?

(A) FUQEBSJR

(B) FVQWEJSB

(C) FVQWEJRC

(D) FVQWEJSC



17. If RAT = 9, GAME = 12, LIVER = 15, then POLYSTER = ?

(A) 17

(B) 22

(C) 24

(D) 19

18. Who has described the Directive Principles and The Fundamental Rights as the "Conscience of the Constitution"?

(A) Granville Austin

(B) Dr. B. R. Ambedkar

(C) Alladi Krishnaswamy Lyer

(D) K. M. Munshi

19. Who won the first Gold medal for India in the Commonwealth Games 2022 ?

(A) Jeremy Lalrinnunga

(B) Mirabai Chanu

(C) Achinta Sheuli

(D) Bidyarani Devi

20. What was the Mascot of Tokyo Olympics 2021 ?

(A) Someity

(B) Smoky

(C) Red Jaguar

(D) Miraitowa

21. What is the amount of increase in Minimum Support Price (MSP) of paddy announced by Government of India for the 2022-23 Kharif season ?

(A) ₹ 90 per quintal

(B) ₹ 70 per quintal

(C) ₹ 80 per quintal

(D) ₹ 100 per quintal

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(7)

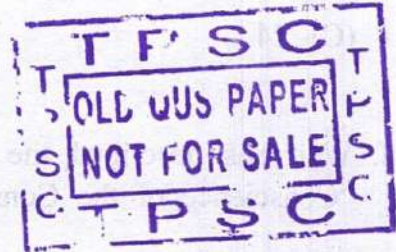
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22. Which chemical reaction takes place during the cooking of meat ?

- (A) The Swartz reaction (B) the Maillard reaction
(C) The Gaftermann reaction (D) The Finkelstein reaction

23. The IPCC is the United Nations body for accessing the science related to climate change. IPCC stands for

- (A) International Provision on Climate Change
(B) International Panel on Climate Change
(C) Intergovernmental Provision on Climate Change
(D) Intergovernmental Panel on Climate Change



24. Which of the following is the largest National Park in India ?

- (A) Hemis National Park (B) Dachigam National Park
(C) Kaziranga National Park (D) Desert National Park

25. What is the Poverty ratio of Tripura in 2011-12 ?

- (A) 14.30% (B) 14.21%
(C) 14.05% (D) None of these

26. Which of the following Macro-nutrient is measured in Soil health Card Scheme in India ?

- (A) Iron (B) Copper
(C) Boron (D) None of these

27. Which Article of the Constitution of India provides for Free Legal aid to the poor and weaker sections of the society and ensures Justice for all ?

- (A) Article 48A (B) Article 39A
(C) Article 43A (D) Article 43B

28. Among the following, which is the Land-locked port in India ?

- (A) Tuticorin (B) Chennai
(C) Mumbai (D) Vishakhapatnam

29. Who first proposed the idea of 'Constituent Assembly of India' ?

- (A) Dyss Party (B) Bharath Janata Party
(C) Swaraj Party (D) Other Party

30. The Act during the regime of East India Company responsible for paving the way for shipment of Opium to China is

- (A) Charter Act, 1784 (B) The Settlement Act, 1781
(C) Charter Act, 1793 (D) None of the above

31. The Eravikulam National Park was established to protect the

- (A) Pygmy hog (B) Asian Tiger
(C) Indian rhinoceros (D) None of these

32. Which State has launched the "Rozgar Setu" Scheme for skilled migrant workers ?

- (A) Maharashtra (B) Madhya Pradesh
(C) Uttar Pradesh (D) Odisha

33. Which among the following was the first deepwater block in India to start natural gas production ?

- (A) Krishna Godavari D-6 (B) Block NEC-DWN-2002/1
(C) SB-11 (D) KG-DWN-2005/2

34. Zero Mile Stone is located in which city of India ?

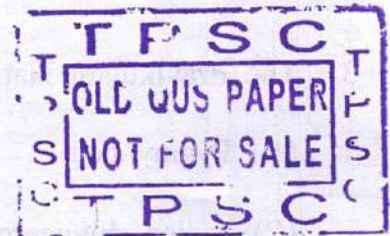
- (A) Bhopal (B) Nagpur
(C) Jabalpur (D) Indore

35. Match List-I with List-II and select the correct answer from the codes given below :

LIST-I (Provision in Indian Constitution)	LIST-II (Borrowed from Foreign Constitutions)
(a) Law making procedure	(i) French Constitution
(b) Power of judicial review	(ii) British Constitution
(c) Principle of liberty and equality	(iii) United States of America Constitution
(d) Residual powers	(iv) Canadian Constitution

Codes

- | | | | | |
|-----|-------|-------|-------|------|
| | (a) | (b) | (c) | (d) |
| (A) | (ii) | (iii) | (iv) | (i) |
| (B) | (ii) | (iii) | (i) | (iv) |
| (C) | (i) | (ii) | (iii) | (iv) |
| (D) | (iii) | (iv) | (ii) | (i) |



36. Who among the following was the first Indian to win an Olympic medal ?

- (A) K. D. Jadhav (B) P. T. Usha
(C) Leander Paes (D) Dhyan Chand

37. Which of the following element has an isotope named as Tritium ?
- (A) Helium (B) Carbon
(C) Titanium (D) Hydrogen
38. Which among the following temperature scale is based upon absolute zero ?
- (A) Celsius (B) Fahrenheit
(C) Kelvin (D) Rankine
39. Ethanoic acid is the main constituent of which of the following substances ?
- (A) Soap (B) Vinegar
(C) Wine (D) Curd
40. The P/E is one of the most talked about ratios in the stock market. What does P/E refer to ?
- (A) Profit to Expenditure (B) Price to Earning
(C) Profit to Earning (D) Provisional to Estimates
41. Noney Valley, Where the world's tallest railway bridge pier is being constructed, is located in which State/UT ?
- (A) Sikkim (B) Uttarakhand
(C) Manipur (D) Ladakh
42. 'Indian Strategic Petroleum Reserves Limited' is owned by which organization ?
- (A) Indian Oil Corporation Limited
(B) Oil India Limited
(C) Oil and Natural Gas Commission
(D) Oil Industry Development Board

43. When was Pro kabaddi league launched ?
(A) 2002 (B) 2004
(C) 2008 (D) 2014
44. India's largest lithium-ion battery plant is located in which State ?
(A) Maharashtra (B) Gujarat
(C) Tamil Nadu (D) Andhra Pradesh
45. Which institution has successfully developed a 3D-printed cornea from the human donor corneal tissue ?
(A) IIT Madras (B) IIT Hyderabad
(C) IIT Kanpur (D) IIT Delhi
46. Recently Prime Minister Narendra Modi inaugurated 300-beds Homi Bhabha Cancer Hospital in August 2022 at _____.
(A) Muzaffarpur-Bihar (B) Visakhapatnam-Andhra Pradesh
(C) Mohali-Chandigarh (D) Sangrur-Punjab
47. Kerala Government launched a Mobile App named "Lucky Bill App." The main aim of this App is
(A) to regulate prompt payment of Bills
(B) to award 5 per cent of rebate in the Bill
(C) to curb GST evasion
(D) to encourage online payment of Bills



48. Viticulture is associated with

- (A) Cultivation of Grapes (B) Cultivation of Watermelons
(C) Cultivation of Guavas (D) Cultivation of Vegetables

49. The theme of the 'World Water Week-2022', was

- (A) Preserve water-Preserve Life
(B) Think before you let it drop
(C) Drip, Drop, Drip, Drop. This Clock must be stopped
(D) Seeing the Unseen-The Value of Water

50. The 'Aspirational Districts Programme' launched by NITI Aayog evaluates the performance of the districts on the basis of five parameters. Which two of the following parameters are not correct ?

- (1) Health and Nutrition (30%)
(2) Education (30%)
(3) Roads (20%)
(4) Financial Inclusion and Skill Development ((10%)
(5) Women Empowerment (10%)

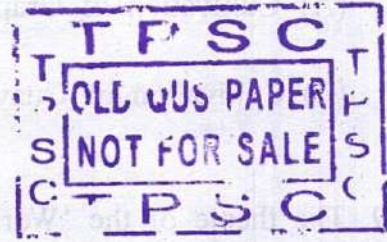
- (A) 1 and 3 (B) 2 and 5
(C) 3 and 4 (D) 3 and 5

51. Which country launched the World's First Fleet of Hydrogen-powered Passenger Train ?

- (A) Japan (B) China
(C) France (D) Germany

52. Bangladesh born Fahmida Azim has won Pulitzer Prize-2022 under the category of

- (A) Illustrated Reporting and Commentary
- (B) Fiction
- (C) Biography
- (D) General Non-fiction



53. Which River of India is known as Jamuna River in Bangladesh ?

- (A) Ganges
- (B) Narmada
- (C) Tapti
- (D) Brahmaputra

54. The Romantic Novel written in Sanskrit by 'Banabhatta, the Court poet of Harshavardhana was

- (A) Rajatarangini
- (B) Kadambari
- (C) Kamasutra
- (D) Lipika

55. The name of the new model of sustainable development of rivers proposed by Government of India at the 'Stockholm World Water Week-2022' is

- (A) River Nidhi
- (B) Jal Bhrat
- (C) Arth Ganga
- (D) Jal Namami

56. Pick up the wrong match in respect of colour revolutions in India.

- (A) Black Revolution–Petroleum Production
- (B) Golden Revolution–Horticulture
- (C) Pink Revolution–Onions Production
- (D) Yellow Revolution–Eggs Production

57. The first State/UT in India to get 'L-root Server' which provides seamless connectivity is

- (A) Tamil Nadu (B) Rajasthan
(C) Gujarat (D) Chandigarh

58. A man spends 35% of his income on food, 25% on children's education and 80% of the remaining on house rent. What per cent of his income he is left with?

- (A) 6% (B) 8%
(C) 12% (D) 10%

59. How much time will take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5% per annum of simple interest?

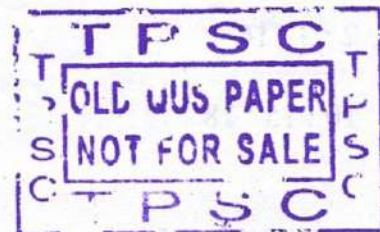
- (A) 4 years (B) 2.5 years
(C) 3.5 years (D) 2 years

60. A man sitting in a train which is travelling at 50 km ph observes that a goods train, travelling in opposite direction, takes 9 seconds to pass him. If the goods train is 280 m long, find its speed?

- (A) 60 km ph (B) 65 km ph
(C) 62 km ph (D) 64 km ph

61. If the cost price of 12 pens is equal to the selling price of 8 pens, the gain per cent is

- (A) 50% (B) 12%
(C) 30% (D) 40%



62. The speed of a car increases by 2 kms after every one hour. If the distance travelling in the first one hour was 35 kms. What was the total distance travelled in 12 hours ?
- (A) 556 km (B) 450 km
(C) 552 km (D) 456 km
63. If the diagonal of a rectangle is 17 cm long and its perimeter is 46 cm. The area of the rectangle is
- (A) 110 cm² (B) 120 cm²
(C) 130 cm² (D) 140 cm²
64. A boat takes 19 hours for travelling downstream from point A to point B and coming back to a point C which is at midway between A and B. If the velocity of the stream is 4 kmph and the speed of the boat in still water is 14 km ph, what is the distance between A and B ?
- (A) 120 km (B) 140 km
(C) 160 km (D) 180 km
65. The ratio in which tea at Rs. 62 per kg be mixed with tea at Rs. 72 per kg so that the mixture be worth Rs. 64.50 per kg is
- (A) 3 : 1 (B) 3 : 2
(C) 4 : 3 (D) 5 : 3
66. If 20% of A = 30% of B = $\frac{1}{6}$ of C then A : B : C is
- (A) 2 : 3 : 16 (B) 3 : 2 : 16
(C) 10 : 15 : 18 (D) 15 : 10 : 18

67. In a joint business A invests Rs. 6,000 for 9 months and B invests Rs. 8,000 for some months. They get Rs. 1,800 and Rs. 1,600 respectively as profit. In the business, the investment of B was for

(A) 4 months

(B) 5 months

(C) 6 months

(D) 8 months

68. Which among the following element in the human body/organ makes the main basis of working of the MRI (Magnetic Resonance Imaging) ?

(A) Nitrogen

(B) Hydrogen

(C) Calcium

(D) Sodium

69. Conifers can tolerate extreme environments because of

(A) Presence of vessels

(B) Thick cuticle

(C) Superficial stomata

(D) Board hardy leaves

70. Which of this catalyst is generally used in the hydrogenation of vegetable oils ?

(A) Copper

(B) Iron

(C) Nickel

(D) Manganese

71. Soap bubble attains spherical shape due to which of the following reasons ?

(A) Surface tension

(B) Inertia

(C) Pressure

(D) Viscosity

72. The edible part of Ginger is actually a _____.

(A) modified root

(B) modified stem

(C) modified leaf

(D) None of these

Select the correct preposition for the blank space in the sentence below :

79. I prevented him _____ going.

(A) from

(B) on

(C) to

(D) None of these



Select the correct article for the blank space in the sentence below :

80. _____ hundred rupee note you found on the road belongs to me.

(A) the

(B) a

(C) an

(D) No article is needed

Choose suitable option for the blank space in the sentence below :

81. Not only my parents but also I _____ regretting the change of school.

(A) are

(B) is

(C) am

(D) No option is appropriate

82. Each of the following sentences is marked as P, Q, R, S. Arrange P, Q, R, S., which stand for sentences in a sequence that they make a paragraph proper.

P. There were many speeches and my grandmother was garlanded by a girl from every class.

Q. There was a farewell ceremony on her last day at school.

R. My grandmother had taught in girls' high school since 1936.

S. In 1962, the year I turned ten, my grandmother retired upon reaching the age of 60.

Find out the proper sequence from the options below :

(A) QPSR

(B) PQRS

(C) SRQP

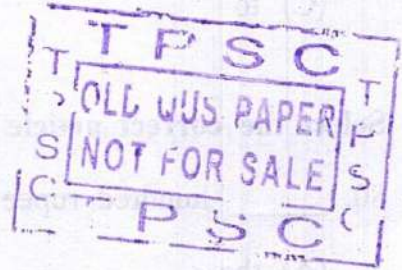
(D) None of these

83. Cart off means

- (A) discard
- (B) disregard
- (C) dejected
- (D) None of these

84. To have an axe to grind means

- (A) to have some personal interest to serve
- (B) to desert
- (C) to break through reserve or stiffness
- (D) None of these



85. To add fuel to the fire means

- (A) to be conceited or arrogant in behaviour
- (B) to increase the existing excitement
- (C) to spend extravagantly
- (D) None of these

86. Come down means

- (A) calm down
- (B) descend
- (C) feel bad
- (D) feel frustrated

Choose the correct alternatives from Q. No. 87, 88, 89, 90 for completing the following passage :

It was, while searching for the (87) _____ that, by mistake she (88) _____ the inkpot. Mother (89) _____ her mildly, 'What a royal (90) _____ you have made'.

- 87. (A) clue
- (B) glue
- (C) story
- (D) plot

88. (A) imported

(B) carried

(C) upset

(D) dismembered

89. (A) cajoled

(B) celebrated

(C) rebuked

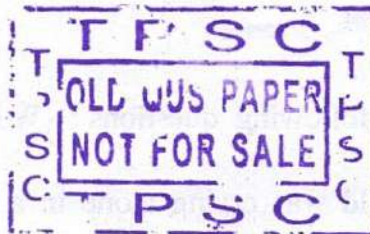
(D) insisted

90. (A) crown

(B) ensign

(C) map

(D) mess.



PART-II
ENGLISH
(Conventional Pattern)
Marks – 40

91. Write an essay on any *one* topic of the following : (Word limit 300 words) 20

- (i) The choice of a Profession.
- (ii) Keeping fit and healthy is indeed not an option but a necessity.
- (iii) Media trial : its pros and cons.
- (iv) Importance of National Voters Day.

92. Attempt any *one* of the following questions : (Word limit 300 words) 20

- (i) A seven year old child was crying alone in a fair — he was forsaken there by his so called aunt in the neighbourhood — he was rescued by the police and handedover to the men of child helpline : Prepare a newspaper report on this incident.
- (ii) Send a report to a local daily covering how your club celebrated the last Independence day (15.8.2022) — arranging a blood donation camp and a competition on poster making among the children.
- (iii) Write a letter of sympathy on somebody's death.
- (iv) A friend of yours, living abroad is likely to visit you and have a glimpse of Tripura. Write a letter to him/her giving the details of the tour programme you have made for this purpose.