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Booklet Serial No. 110093

Test Booklet Series

TEST BOOKLET  
GENERAL STUDIES  
PAPER-I  
Code No. 91

A

Time Allowed: Two Hours

Maximum Marks: 200

INSTRUCTIONS

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4. This Test booklet contains **100** items (questions). Each item comprises four responses (answers). You will select the response which you want to mark on the response 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.
5. You have to mark all your responses **ONLY** on the separate Answer Sheet/Response Sheet provided. See directions in the Answer Sheet/Response Sheet.
6. *All* items carry equal marks.
7. Before you proceed to mark in the Answer Sheet/Response Sheet, the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet/Response Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet/Response Sheet and the examination has concluded, you should hand over to the Invigilator **only the Answer Sheet/Response Sheet**. You are permitted to take away with you the Test Booklet and **Candidate's Copy of the Response Sheet**.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. **Penalty for wrong answers:**  
**THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY THE CANDIDATE IN THE OBJECTIVE TYPE QUESTIONS PAPERS.**
  - (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 (0.33)** of the marks assigned to that 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 that 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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GS Code No. 91 Paper-I

(1 - A)

SEAL

1. Which of the following combination of districts constitutes Chenab Valley Settlement Division of the "Survey and Land Records":
- (A) Kishtwar, Anantnag and Kulgam  
 (B) Ramban, Udhampur and Doda  
 (C) Doda, Kishtwar and Ramban  
 (D) Kishtwar, Anantnag and Doda
2. Which one of the following is the high altitude Commercial Airport
- (A) Kushok Bakyla  
 (B) Sheikh ul Alam  
 (C) Kargil  
 (D) Sonam Wangchuk
3. Which is the largest cold desert of the world?
- (A) Atacama  
 (B) Takla Makan  
 (C) Gobi  
 (D) Turkestan
4. The first multi-purpose river valley project completed in India is
- (A) Periyar  
 (B) Bhakra-Nangal  
 (C) Hirakund  
 (D) Damodar
5. The intrusive volcanic landform formed when lava cools in the shape of a saucer place is called as
- (A) Laccolith  
 (B) Crater  
 (C) Sills  
 (D) Dykes
6. Minto-Morley reforms of 1909 proposed
- (A) Elections of Indians to various Legislative Councils  
 (B) Introduced the system of Municipalities and Village Panchayats  
 (C) Both (A) and (B)  
 (D) None of the above
7. Indian Statutory Commission was also known as
- (A) Cripps Mission  
 (B) Simon Commission  
 (C) Minto-Morley Reforms  
 (D) Montague-Chelmsford Reforms
8. Sarva Shiksha Abhiyan, a centrally sponsored scheme has been implemented in partnership with the State Governments. Consider the following statements.
1. It makes provision for building school infrastructure
  2. It provides periodic training to teachers and resource support
  3. It helps to maintain appropriate pupil-teacher ratio at the secondary education level
- Which of the above given statement(s) is/are correct?
- (A) 1 only  
 (B) 1 and 2 only  
 (C) 2 and 3 only  
 (D) 1 and 3 only
9. The second largest employment provider in India is
- (A) Agriculture, mining and quarrying  
 (B) Manufacturing  
 (C) Real estate and construction  
 (D) Information technology and related services

10. Which planet experiences a day almost of the same duration as that of the Earth?
- (A) Mars  
(B) Saturn  
(C) Venus  
(D) Jupiter
11. The region lying between Tropics of Cancer and Capricorn is called
- (A) Torrid zone  
(B) Horse-latitudes  
(C) Subtropical zone  
(D) All of the above
12. Which of the following is/are the correct statement/statements in case of a sea level rise due to global warming
- (A) There will be an increase in bicarbonate content of well water in coastal areas  
(B) There will be an increase in sodium content of well water in coastal areas  
(C) There will be an increase in potassium content of well water in coastal areas  
(D) There will be an increase in nitrate content of well water in coastal areas
13. In Himalayas, permanent vegetation is not generally found above \_\_\_\_\_ m altitude
- (A) 4250  
(B) 4350  
(C) 4600  
(D) 3960
14. Blue Baby Syndrome is associated with which type of poisoning?
- (A) Mercury  
(B) Nitrate  
(C) Cadmium  
(D) Methane
15. Out of following, which of the altitudes in the atmosphere would have the maximum concentration of Ozone?
- (A) 5 to 10 km  
(B) 10 to 15 km  
(C) 25 to 30 km  
(D) 40 to 45 km
16. Which of the following has been voted the most influential woman in history as per the recent Readers of BBC History magazine poll?
- (A) Marie Curie  
(B) Margaret Thatcher  
(C) Mother Teresa  
(D) Indira Gandhi
17. Which of the following received the Golden Ball award for best player at the 2018 FIFA World Cup?
- (A) Kylian Mbappe  
(B) Cristiano Ronaldo  
(C) Thibaut Courtois  
(D) Luka Modric
18. Which of the following committee has been constituted by the Reserve Bank of India to look into bank frauds?
- (A) A.K.Misra Committee  
(B) Nandkumar Saravade Committee  
(C) Y.H.Malegam Committee  
(D) S Raman Committee
19. The projected India's GDP growth in the 2018-19 fiscal, as per the International Monetary Fund (IMF) is
- (A) 7.8%  
(B) 7.3%  
(C) 7.1%  
(D) 7.6%
20. Indian Reform Association was founded by
- (A) Keshab Chandra Sen  
(B) Ramanand Sinha  
(C) Atmaram Sen  
(D) Lala Lajpat Rai

21. With reference to legislative procedure in India, consider the following statements about 'Zero Hour':

1. Zero Hour is the time gap between the end of Question Hour and the beginning of the regular business of the House.
2. The time immediately before the beginning of Question Hour is called as Zero Hour.
3. Matters of urgent importance, as agreed by the Chair, are taken up during Zero Hour.

Which of the statement(s) given above is/are correct?

- (A) 1 only
- (B) 2 only
- (C) 1 and 3
- (D) 2 and 3

22. Col. H S Olcott was associated with

- (A) Theosophical Society
- (B) Home Rule League
- (C) Brahma Samaj
- (D) Servants of India Society

23. With reference to legislative procedure in India, consider the following statements:

1. The purpose of a Calling Attention Notice is to conduct a discussion on a matter of urgent public importance.
2. Answers to Starred Questions are given in written form by the Ministers.
3. Clause-by-clause discussion and voting on Amendments take place in the Third stage of the passage of a Bill.

Which of the statement(s) given above is/are correct?

- (A) 1 and 2
- (B) 1 only
- (C) 3 only
- (D) 2 and 3

24. According to Census of India-2011, which one of the following urban agglomeration has the highest population?

- (A) Chennai
- (B) Bangalore
- (C) Hyderabad
- (D) Ahmedabad

25. Consider the following statements:

1. The Indian Constitution empowers the Supreme Court to issue Writs for enforcement of any of the Fundamental Rights conferred by Part III of the Indian Constitution under Art. 32.
2. The provision to issue Writs is primarily intended to guarantee the Right to Constitutional Remedies to every citizen.
3. There are six types of Writs.

Which of the statement(s) given above is/are correct?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) 1, 2 and 3

26. The Widow Remarriage Act was passed during the Governor-Generalship of

- (A) Lord Dalhousie
- (B) Lord Canning
- (C) Lord Ripon
- (D) Lord Warren Hastings

27. The Right of Children to Free and Compulsory Education Act applies to children in the age group of

- (A) 5 to 12 years
- (B) 6 to 12 years
- (C) 6 to 14 years
- (D) 6 to 16 years

28. Which of the following is/are not among the Fundamental Duties of citizens laid down in the Indian Constitution?
1. To safeguard public property and to abjure violence
  2. To value and preserve the rich heritage of our composite culture
  3. To protect and improve the natural environment including forests, lakes, rivers and wild life, and to have compassion for living creatures
  4. To aid and assist differently abled persons
- Select the correct answer using the code given below:
- (A) 3 only  
(B) 4 only  
(C) 3 and 4  
(D) 1 and 3
29. Capital of the Vijayanagar Empire was:
- (A) Hampi  
(B) Vijayawada  
(C) Badami  
(D) Chitradurga
30. The Bharat Net Project, an important component of Digital India Programme aims at linking the following institutions throughout India
- (A) Gram Panchayats  
(B) Municipalities  
(C) City Corporations  
(D) Notified Areas
31. Goods and Services Tax subsumes
- (A) All direct taxes  
(B) All indirect taxes  
(C) All direct and indirect taxes  
(D) Value Added Tax
32. In 2016, Government of India announced demonetisation of high denomination notes. What was the previous year of demonetisation?
- (A) 1950  
(B) 1946  
(C) 1978  
(D) 1980
33. Which of the following statement(s) is/are true?
- i) In Stratosphere, Ozone is formed by joining oxygen atom with oxygen molecule in presence of solar radiation
  - ii) The disassociation of oxygen atom in the presence of solar radiation maintains the balance of Ozone in the Stratosphere
  - iii) The maximum concentration of Ozone is around 23-25 km from the Earth's surface
  - iv) The destruction of Stratospheric ozone by green house gases has reduced considerably during last 5 years due to the Montreal Protocol.
- (A) i, ii, iii and iv are correct  
(B) i, ii and iii are correct  
(C) ii and iii are correct  
(D) i, iii and iv are correct
34. Which of the following is not correct with respect to Chinese economy
- (A) It is very large  
(B) It relies on exports to fuel its economic growth  
(C) It relies on domestic-demand-led economic growth  
(D) Global economic growth rate is lower than Chinese
35. Number of Meteorological Subdivisions in India
- (A) 34  
(B) 35  
(C) 36  
(D) 37

36. The Ramsar Convention is about the conservation of which one of the following?  
 (A) Mountain flora and fauna  
 (B) Wetlands  
 (C) Desert Flora and Fauna  
 (D) Tropical Rain Forests
37. Acid Rain usually refers to precipitation with pH less than:  
 (A) 7.0  
 (B) 6.5  
 (C) 5.6  
 (D) 4.0
38. Coal is found in which types of rocks?  
 (A) Igneous  
 (B) Sedimentary  
 (C) Metamorphic  
 (D) All of the above
39. Which of the following was not a disaster related to a nuclear accident?  
 (A) Fukushima  
 (B) Chernobyl  
 (C) Kyshtym  
 (D) Love Canal
40. The Allahabad Pillar inscription is associated with  
 (A) Samudragupta  
 (B) Chandragupta II  
 (C) Bimbisara  
 (D) Chandragupta I
41. Ibn Battuta visited India during the reign of  
 (A) Mohammed bin Tughlaq  
 (B) Firoz Shah Tughlaq  
 (C) Ghiyasuddin Tughlaq  
 (D) Ala-ud-din Khilji
42. Swami Vivekananda participated in the World Religious Conference held at  
 (A) Baltimore  
 (B) New York  
 (C) Chicago  
 (D) California
43. Panini a famous personality of ancient India was  
 (A) Astronomer  
 (B) Mathematician  
 (C) Grammarian  
 (D) None of the above
44. What are the impediments to digital transaction of money in small towns of India?  
 (A) Requirement of special equipment like Point Of Sale (POS)  
 (B) Internet connectivity problem  
 (C) Costly to users  
 (D) All the above
45. Implicit effective subsidy on a commodity (e.g. LPG) to rich means  
 (A) Difference between price paid and actual subsidy  
 (B) Difference between normative rate and actual subsidy  
 (C) Subsidy on actual consumption  
 (D) None of the above
46. 'More crop per drop' refers to  
 (A) Improvement in irrigation efficiency  
 (B) Use of conventional method of irrigation  
 (C) Improvement in soil health  
 (D) Improvement in fertiliser use efficiency
47. Udyog Aadhar is required for registration of  
 (A) Business under micro, small and medium enterprises  
 (B) Business under large enterprises  
 (C) Corporate bodies  
 (D) Public sector undertakings
48. Focus of the National Rural Livelihood Mission is to  
 (A) remove abject poverty of rural households  
 (B) improve rural literacy  
 (C) remove gender disparity in education  
 (D) improve nutrition of children

49. Which one of the following is the longest river of the Peninsular India?  
 (A) Narmada  
 (B) Godavari  
 (C) Krishna  
 (D) Mahanadi
50. Which part is the brain of the computer?  
 (A) CPU  
 (B) Monitor  
 (C) RAM  
 (D) ROM
51. Firewall is used in PC for  
 (A) Security  
 (B) Authentication  
 (C) Data transmission  
 (D) All of the above
52. Which hormone is produced by ripened fruit?  
 (A) Auxin  
 (B) Cytokinin  
 (C) Ethylene  
 (D) Abscisic acid
53. Nag Anti Tank Guided Missiles (ATGM) has been developed by which Indian organization?  
 (A) DRDO  
 (B) BARC  
 (C) ISRO  
 (D) HAL
54. President Ram Nath Kovind has inaugurated the World Hindi Secretariat in which country?  
 (A) Fiji  
 (B) Madagascar  
 (C) South Africa  
 (D) Mauritius
55. NASA recently announced a new probe called Parker Probe which will study.....?  
 (A) Moon  
 (B) Mars  
 (C) Jupiter  
 (D) Sun
56. The Sample Registration System of India provides data on  
 (A) Fertility only  
 (B) Mortality only  
 (C) Fertility and Mortality  
 (D) Fertility, Morbidity and Mortality
57. Through which of the following mountain pass, the World's highest motorable road passes?  
 (A) Karakoram  
 (B) Khyber  
 (C) Nathula  
 (D) Khardungla
58. What is the name of the robot (to assist astronauts) that has been sent to the International Space Station (ISS) atop a SpaceX Falcon 9 rocket  
 (A) GERTY  
 (B) CIMON  
 (C) KITT  
 (D) DOREAMON
59. The ancient text which Kalhana relied in writing Rajatarangini  
 (A) Matsyapurana  
 (B) Khandopanishad  
 (C) Nilmat Purana  
 (D) Mahabharata
60. A resident of Britain wants to contact her relative in Srinagar during sunrise hours and wants to wish him new year greetings. At what British local time she should make a call to India?  
 (A) Between 1.30 am and 2.30 am  
 (B) Between 30 minutes past mid night and 1.30 am  
 (C) Between 2 am and 3 am  
 (D) Between 4.30 am and 5.30 am
61. Which of the following poetry /short story was written by Autar Krishen Rahbar, which won Sahitya Akademy Award for Kashmiri literature, 2017?  
 (A) Aan e Khane  
 (B) Yeli Parda Woth  
 (C) Yath Aangnas Manz  
 (D) Yaad Aasmanan Hinz

62. Consider the following statements:

1. Governor's Rule imposed in Jammu and Kashmir. President Ram Nath Kovind has given his assent to imposition of Governor's rule in Jammu and Kashmir. This is the eighth time in the last four decades J & K has been put under Governor's rule.
2. This is the Second time under J&K Governor N N Vohra tenure.
3. The Governor's rule was implemented in the Jammu & Kashmir for the first time in 1977, which continued around 105 days; from March 26, 1977 to 9 July 1977.
4. This is the fifth time governors rule is imposed in J & K

Which of the statement given above is/are correct?

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

63. *Yavanapriya* was the name used in ancient times for

- (A) Muslin
- (B) Pepper
- (C) Copper
- (D) Zinc

64. The capital of the Kakatiya dynasty was

- (A) Ongole
- (B) Warangal
- (C) Tungabhadra
- (D) Tirupati

65. When was the Constitution of Jammu and Kashmir adopted and came into effect from.

- (A) 1956, January 26, 1957
- (B) 1956, October 26, 1956
- (C) 1957, January 26, 1958.
- (D) 1956, December 26, 1957

66. In the pedogenesis, by mixing activities, earthworms improves the \_\_\_\_\_

- (A) Structure
- (B) pH balance
- (C) Texture
- (D) Organic content

67. Consider the following statements:

1. The Writ of Mandamus is issued by the Supreme Court or High Court when any public authority has to do a public duty, but fails to do so.
2. The Writ of Prohibition is issued by the Supreme Court or High Court for quashing the order already passed by an inferior Court, Tribunal or Quasi Judicial Authority.

Which of the statements given above is/are correct?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

68. The best source of data for the estimation of crude birth rate of India is

- (A) National Family Health Survey
- (B) Civil Registration System
- (C) Sample Registration System
- (D) Census of India

69. The longest high altitude glaciers are found in

- (A) Alps
- (B) Rockies
- (C) Andes
- (D) Himalayas

70. Which of the following Indian states receives more rainfall from the winter monsoon than from the summer monsoon?

- (A) Bihar
- (B) Gujrat
- (C) Madhya Pradesh
- (D) Tamil Nadu



71. List of lakes and states are given below:
- |                |                        |
|----------------|------------------------|
| a. Mansar      | I. Manipur             |
| b. Chandertal  | II. Uttrakhand         |
| c. Devaria Tal | III. Jammu and Kashmir |
| d. Loktak      | IV. Himachal Pradesh   |
- Which of the following options correctly matches the lakes with the states where they are situated?
- (A) a-II, b-III, c-IV, d-I  
 (B) a-III, b-IV, c-I, d-II  
 (C) a-IV, b-I, c-II, d-III  
 (D) a-III, b-IV, c-II, d-I
72. The main objective behind the POSHAN Abhiyan launched by the Government of India is
- (A) Reducing stunting in children in the age group of 0-6 years.  
 (B) Increasing the nutritional intake of Women.  
 (C) Reducing the stunting in children in the age group of 10-14.  
 (D) Increasing the nutritional intake of age population.
73. Newly proposed "Higher Education Commission of India (HECI)" will replace \_\_\_\_\_
- (A) All India Council for Technical Education (AICTE)  
 (B) National Council for Teachers' Education (NCTE)  
 (C) National Council for Education and Research and Training (NCERT)  
 (D) University Grants Commission (UGC)
74. Which of the following city, Home Minister Rajnath Singh inaugurated the world's largest visa center.
- (A) Dhaka  
 (B) New Delhi  
 (C) Kolkata  
 (D) Colombo
75. Which of the following is the major reason for global warming
- (A) Rice cultivation in marshy lands  
 (B) Burning of fossil fuels  
 (C) Thermal power generation  
 (D) Deforestation and land cover change
76. Which of the following atmospheric conditions is most favourable for the formation of fog in Delhi?
- (A) Overcast sky, dry air in winter  
 (B) Clear sky, dry air in winter  
 (C) Overcast sky, humid air in spring  
 (D) Clear sky, humid air in winter
77. Which city to host Commonwealth Games in 2022?
- (A) Sydney  
 (B) Birmingham  
 (C) New York  
 (D) Rome
78. Match the noble laureate who received the Noble prize in 2017 with their respective subject/field
- | <i>Noble Laureate</i> | <i>Field</i>               |
|-----------------------|----------------------------|
| a. Kazuo Ishiguro     | I. Chemistry               |
| b. Jeffrey C Hall     | II. Literature             |
| c. Jacques Dubochet   | III. Economics             |
| d. Richard Thaler     | IV. Physiology or Medicine |
- Choose the correct answer
- (A) a-III, b-I, c-II, d-IV  
 (B) a-II, b-IV, c-I, d-III  
 (C) a-I, b-III, c-IV, d-II  
 (D) a-IV, b-II, c-I, d-III
79. Who among the following is NOT a recipient of the Highest Civilian award of India **Bharat Ratna**
- (A) M.G Ramachandran  
 (B) Lata Mangeshkar  
 (C) Madan Mohan Malviya  
 (D) Dr. Shankar Dayal Sharma

80. With regard to the HRIDAY scheme, consider the following statements:

1. It is a health scheme aimed at taking special care of heart patients in the rural areas.
2. It is an investment scheme aimed at developing traditional medical research.
3. It is a development scheme with the aim of linking urban planning and heritage conservation in an inclusive manner.

Which of the statements given above is correct?

- (A) 1 only
- (B) 2 only
- (C) 3 only
- (D) None of the above

81. Right to Information Act in India was enacted in the year

- (A) 2004
- (B) 2005
- (C) 2008
- (D) 2012

82. Which programme has been launched by NITI Aayog to initiate transformation in the education and health sectors with the state governments?

1. Unnat Bharat Programme
2. SATH Programme
3. SETU Programme

Select the correct answer using the code given below:

- (A) 1 only
- (B) 2 only
- (C) 3 only
- (D) None of the above

83. Which one of the following country is not a member of BIMSTEC (Bay of Bengal Initiative for Multi - Sectoral Technical and Economic Cooperation).

- (A) Srilanka
- (B) Pakistan
- (C) Nepal
- (D) Thailand

84. National Panchayati Raj Day is celebrated annually on

- (A) 26 January
- (B) 15 September
- (C) 24 April
- (D) 2 October

85. Which of the following recommendation(s) is/are true regarding Balwant Rai Mehta Committee?:

1. Establishment of three-tier Panchayati Raj system
2. All planning and development activities should be entrusted to Panchayati Raj institutions
3. Political parties should field candidates in the Panchayati Raj elections.
4. District Collector should be the Chairman of Zilla Parishad

Select the correct answer using the code below:

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

86. The President has the power to nominate two members to Parliament belonging to

- (A) Christian Community
- (B) Anglo-Indian Community
- (C) Jain Community
- (D) Sikh Community

87. Which village in Jammu and Kashmir's Rajouri district, received electricity connection and metalled road for the first time since Independence?

- (A) NarlaBambal
- (B) Chattiar
- (C) DasalJattan
- (D) Keri Manialan

88. Which of the following is the state animal of Jammu and Kashmir?  
 (A) Chiru  
 (B) Hangul  
 (C) Snow leopard  
 (D) Markhor
89. Who was the author of Padmavat?  
 (A) Abdul Rahim Wasi  
 (B) Malik-bin-Quazi  
 (C) Malik Muhammed Jayasi  
 (D) Surdas
90. The fourth Buddhist Council was held in  
 (A) Prayag  
 (B) Dharmasala  
 (C) Taxila  
 (D) Kundalvana
91. According to the Public Affairs Index 2018 which state stands first in best-governance in India?  
 (A) Kerala  
 (B) West Bengal  
 (C) Tamil Nadu  
 (D) Madhya Pradesh
92. Which famous personality won Dadasaheb Phalke Excellence Award 2018?  
 (A) Anil Kapoor  
 (B) Salman Khan  
 (C) Sonam Kapoor  
 (D) Anushka Sharma
93. Which nation withdrew from the United Nations Human Rights Council, recently?  
 (A) Germany  
 (B) United States  
 (C) Russia  
 (D) Canada
94. Who has been conferred with "Chief Minister of the Year" award?  
 (A) Shivraj Singh Chouhan  
 (B) Mamata Banerjee  
 (C) Vasundhara Raje  
 (D) Jairam Thakur
95. Who wrote Ramayana in Tamil  
 (A) Ranna  
 (B) Kamban  
 (C) Thiruvellur Murugan  
 (D) None of the above
96. During the Mughals *Muhtasib* was an officer in charge of  
 (A) Horses  
 (B) Public morality  
 (C) Land grants  
 (D) Royal Armoury
97. Delhi Agreement of 1952 was signed between  
 (A) Dr. Rajendra Prasad and Mirza Mohammad Afzal Beg  
 (B) Sardar Vallabhbhai Patel and Maulana Mohammed Syeed Masoodi  
 (C) Pandit Jawaharlal Nehru and Sheikh Mohammed Abdullah  
 (D) Moulana Abul Kalam Azad and Giridhari Lal Dogra
98. The last Muslim ruler who governed the principality of Rajouri before it was handed over to Raja Gulab Singh was \_\_\_\_\_  
 (A) Raja Noor-ud-Din  
 (B) Raja Raheem Ullah Khan  
 (C) Raja Aggar Ullah Khan  
 (D) Raja Karam Ullah Khan
99. What is the quorum to constitute a sitting of the Lok Sabha?  
 (A) 120 Members of the House  
 (B) One-Tenth of the total number of the House.  
 (C) 132 Members of the House  
 (D) 130 elected Members of the House
100. Swachh Bharat campaign aims to achieve the goal of a 'Clean India' by  
 (A) 2 October 2019  
 (B) 15 August 2020  
 (C) 26 January 2022  
 (D) None of the above

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**A**

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**Maximum Marks: 200**

**INSTRUCTIONS**

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS 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. Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series Code A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet/Response Sheet. Any omission/discrepancy will render the Answer Sheet/Response Sheet liable for rejection.
3. You have to enter your Roll Number on the  
Test Booklet in the Box provided alongside.   
**DO NOT** write *anything else* on the Test Booklet.
4. This Test booklet contains **80** items (questions). Each item comprises four responses (answers). You will select the response which you want to mark on the response 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.
5. You have to mark all your responses **ONLY** on the separate Answer Sheet/Response Sheet provided. See directions in the Answer Sheet/Response Sheet.
6. **All** items carry equal marks.
7. Before you proceed to mark in the Answer Sheet/Response Sheet, the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet/Response Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet/Response Sheet and the examination has concluded, you should hand over to the Invigilator **only the Answer Sheet/Response Sheet**. You are permitted to take away with you the Test Booklet and **Candidate's Copy of the Response Sheet**.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. **Penalty for wrong answers:**  
**THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY THE CANDIDATE IN THE OBJECTIVE TYPE QUESTIONS PAPERS.**
  - (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 (0.33)** of the marks assigned to that 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 that 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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**GS Code No. 92 Paper-II**

**( 1 - A )**

**SEAL**

Read the passage below and answer the items that follow. Your answer to these items should be based on the passage only.

Now India's children have a right to receive at least eight years of education, the gnawing question is whether it will remain 'on paper' or 'become a reality'. One hardly needs a reminder that this right is different from the others enshrined in the Constitution, that the beneficiary – a six year old child cannot demand it, nor can she or he fight a legal battle when the right is denied or violated. In all cases, it is the adult society which must act on behalf of the child. In another peculiarity, where a child's right to education is denied, no compensation offered later can be adequate or relevant. This is so because childhood does not last. If a legal battle fought on behalf of a child is eventually won, it may be of little use to the boy or girl because the opportunity missed at school during childhood cannot serve the same purpose later in life. This may be painfully true for girls because our society permits them only a short childhood, if at all. The Right to Education (RTE) has become law at a point in India's history when the ghastly practice of female infanticide has resurfaced in the form of foeticides. This is "symptomatic of a deeper turmoil" in society which is compounding the traditional obstacles to the education of girls. Tenacious prejudice against the intellectual potential of girls runs across our cultural diversity and the system of education has not been able to address it.

1. Which one of the following statements conveys the *key message* of the passage?
  - (A) India has declared that education is compulsory for its children.
  - (B) Adult society is not keen on implementing the Right to Education.
  - (C) The Right to Education, particularly of a girl child, needs to be safeguarded.
  - (D) The system of education should be to address the issue of Right to Education.

2. With reference to the passage, consider the following statements :
  1. When children are denied education, adult society does not act on behalf of them.
  2. Right to Education as a law cannot be enforced in the country.Which of the statement(s) given above is/are correct ?
  - (A) 1 only
  - (B) 2 only
  - (C) Both 1 and 2
  - (D) Neither 1 nor 2
3. Which one of the following statements conveys the *inference* of the passage?
  - (A) The society has a tenacious prejudice against the intellectual potential of girls.
  - (B) Adults cannot be relied upon to fight on behalf of children for their Right to Education.
  - (C) The legal fight to get education for children is often protracted and prohibitive.
  - (D) There is no sufficient substitute for education received in childhood
4. What could be the traditional obstacles to the education of girls?
  1. Inability of parents to fight a legal battle when the Right to Education is denied to their children.
  2. The traditional way of thinking about girl's role in society.
  3. The prejudice against the intellectual potential of girls.
  4. Improper system of education.Select the correct answer from the codes given below:
  - (A) 1 and 2 only
  - (B) 2, 3 and 4 only
  - (C) 1, 3 and 4 only
  - (D) 1, 2, 3 and 4

5. On the basis of the passage, consider the following statements:

1. Right to Education is a legal right and not a fundamental right.
2. For realizing the goal of universal education, the education system in the country must be made identical to that of developed countries.

Which of the statement(s) given above is/are correct?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

6. If 5<sup>th</sup> day from today in a calendar month of 31 days is 21<sup>st</sup> of this month, what will be the 8<sup>th</sup> day after 2 months from 11<sup>th</sup> day from today? The present month is the month of July.

- (A) 27<sup>th</sup> September
- (B) 3<sup>rd</sup> October
- (C) 4<sup>th</sup> October
- (D) 26<sup>th</sup> September

7. Find the sum of the given terms by finding the missing term.

14.35, \_\_\_\_\_, 28.35

- (A) 128.1
- (B) 14.67
- (C) 64.05
- (D) 91.42

8. Rahul's birth date is 5 plus square root of Pooja's birth date and is also the square of sum of Neha and Arpita's birth date. Determine the birth date of Rahul.

- (A) 4
- (B) 19
- (C) 9
- (D) 21

9. Find the best relation.

Soil: **Germination**:: Earthworm : \_\_\_\_\_

- (A) Farmer
- (B) Fertility
- (C) Moisture
- (D) Hermaphrodite

10. If a woman says that, 'I have 6 siblings and we all are wearing the colours of rainbow today as per the order of birth'. The woman is 5<sup>th</sup> from the last and is not wearing yellow. Which colour is she probably wearing?

- (A) Green
- (B) Orange
- (C) Blue
- (D) Violet

11. Which of the following numbers will come at the place of '?' in the pattern given below?

10	7	11	9
2	4	3	8
5	8	7	8
15	20	26	?

- (A) 80
- (B) 64
- (C) 82
- (D) 62

12. In the following equation, if  $\times$  means  $+$ ,  $+$  means  $\div$ ,  $-$  means  $\times$ , and  $\div$  means  $-$ , then, what will be the result of the following equation?

$$17 \times 4 + 2 - 9 \div 5 = \underline{\hspace{2cm}}$$

- (A) 35
- (B) 32
- (C) 36
- (D) 30

13. What will be the next number in the given series?

19, 37, 61, 91, \_\_\_\_\_

- (A) 125
- (B) 307
- (C) 172
- (D) 127

14. Based on the following statements  
I. All Jugs are living things  
II. Some living things are animal  
Which of the following statements are true?  
i. Some jugs are animal  
ii. All jugs are animal  
iii. Some animals are living things  
iv. All living things are jugs  
(A) Only ii  
(B) Only iii  
(C) Only i  
(D) Only iv

15. Based on the following statements  
I. All pens are papers  
II. Some papers are blank  
Which of the following statements are true?  
(A) All papers are blank  
(B) Some pens are not blank  
(C) Some papers are pens  
(D) All pens are blank

16. Based on the following statements  
I. Some dogs are monkeys  
II. Some sheep are monkeys  
Which of the following statements are true?  
(A) All sheeps are monkeys  
(B) All dogs are monkeys  
(C) Some monkeys are sheep  
(D) Some sheep are dogs

17. If KOLKATA is written as LQOOFZH, then, CHENNAI would be written as:  
(A) DJEIDK  
(B) DHRT PPO  
(C) PHTRSDP  
(D) DJHRSGP

18. Sukhdev and Rajni have three children, two boys and a girl. Rajeev is their grandson and Hina their grand-daughter. Sukhdev's son Dev has a son and a daughter. What is the relation between Dev's wife and Rajeev's father?  
(A) Brother-in-law  
(B) Father-in-law  
(C) Brother  
(D) Cousin

19. If Sukhmani is Rajeev's aunt on his father's side and Hina is Sukhmani's daughter. What is the relation between Hina and Rajeev's father?  
(A) Uncle  
(B) Cousin  
(C) Brother  
(D) Brother-in-law

20. Statement: All horses are strong. Some horses are injured

**Conclusions:**

1. Some horses can race.
2. Horses that cannot race are not strong.

Select the correct answer amongst the following:

- (A) Only conclusion 1 follows.  
(B) Only conclusion 2 follows.  
(C) Both conclusion 1 and 2 follow.  
(D) None of the above.

21. Statement: The government has decided to appoint teachers in bulk to avoid the problem of student absenteeism.

**Assumptions:**

1. There is a need to appoint teachers in bulk.
2. Teachers' presence is directly related to student absenteeism.
3. Training of teachers is important.
4. The government is acting pro-actively.

Which of the above-mentioned assumptions hold true for the statement?

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

22. Statement: Due to heavy rains, a hospital in a city has a large amount of dirty water logged inside its premises.

The correct course of action would be:

1. The Municipal Corporation should give written orders to the hospital to ensure removal of water to avoid any case of epidemic
2. The hospital staff must ensure that patients be removed from water-logged areas and shifted to other floors of the hospital.
3. Steps be taken to ensure removal of water, prevention of diseases and avoidance of such events in future.

Choose from the given options:

- (A) 1 only  
 (B) 1 and 2  
 (C) 2 and 3  
 (D) 1, 2 and 3
23. If the average of numbers 25, 48, 36, 54, 63, 58, x, and 68 is 50, what is the value of x?
- (A) 38  
 (B) 48  
 (C) 54  
 (D) 66

24. Consider the pattern of numbers given below:

1.  $1/2$   $3/2$
2.  $2/3$   $8/3$
3. ?  $19/5$
4.  $3/7$   $31/7$

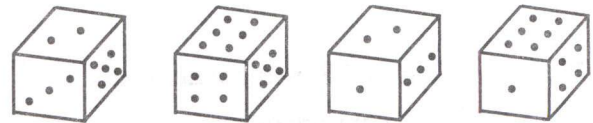
Which of the following number at ? will complete the pattern?

- (A)  $3/4$   
 (B)  $2/5$   
 (C)  $4/5$   
 (D)  $6/7$

25. The horns of five vehicles begin blowing together and they blow respectively at an interval of 4, 5, 6, 8 and 10 seconds. How many times the horns blow together in one hour excluding the one at the start?

- (A) 10 times  
 (B) 12 times  
 (C) 15 times  
 (D) 30 times

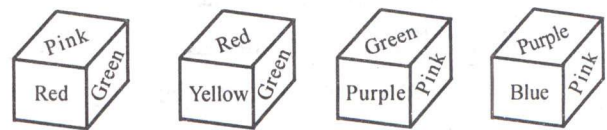
26. Rotated positions of a single dice with its various faces are depicted below.



Look at the faces carefully and find out the number of dots on the face opposite to the face which contains two dots?

- (A) 3  
 (B) 4  
 (C) 5  
 (D) 6

27. The faces of a block are painted in different colors. Depicted below are its various positions.



Look at the positions of the block carefully and find out which color is on the face opposite to pink?

- (A) Yellow  
 (B) Purple  
 (C) Green  
 (D) Blue



28. The least number which should be subtracted from the greatest three digit number to make it perfect square is

- (A) 9
- (B) 38
- (C) 99
- (D) 158

29. Find the value of  $10^5 - 10^3$

- (A) 1000
- (B) 10,000
- (C) 9,000
- (D) 90,000

30. In a cross-country race, Ritesh is behind Lalit but ahead of Amar. Amar is ahead of Vikas. Pankaj is ahead of Amar but behind Ritesh. Who is at the end?

- (A) Amar
- (B) Vikas
- (C) Pankaj
- (D) Ritesh

31. Ravi and Mohit are talking, standing at the corner of a road in the evening. Their houses are in the opposite direction. As they walk towards their houses, with their back towards each other, Ravi's shadow is exactly to his left, and then which direction is Mohit facing?

- (A) North-east
- (B) North
- (C) South
- (D) East

32. In an exam, a student scores 5 marks for every correct answer and loses 1 mark for every incorrect answer. If a student attempts 90 questions and secures 150 marks, what is the number of questions she answered correctly?

- (A) 24
- (B) 30
- (C) 36
- (D) 40

Read the information given below and answer the three questions (33-35) that follow.

A farmer has sown five crops in his field The production of different crops is as below:

- i. Wheat production is twice than that of Rice
- ii. Rice production is five times more than Maize
- iii. Maize production is half of Sugarcane
- iv. Sugarcane production is half of Bajra
- v. Sugarcane production is less than Wheat but more than Maize

33. The produce of Bajra is less than which of the following crops?

- (A) Rice and Maize
- (B) Wheat and Rice
- (C) Wheat and Maize
- (D) Maize and Sugarcane

34. Which of the above statements is not necessary to determine the correct order of production of crops?

- (A) v
- (B) iv
- (C) iii
- (D) ii

35. Arrange the crops in ascending order of production?

- (A) Maize, Bajra, Sugarcane, Rice and Wheat
- (B) Wheat, Rice, Bajra, Sugarcane, and Maize
- (C) Maize, Sugarcane, Bajra, Rice and Wheat
- (D) Wheat, Rice, Sugarcane, Maize and Bajra

**Read the information given below and answer the three questions (36-38) that follow.**

Six colored bales of cotton are to be kept one above the other as per instructions given below:

- i) Blue coloured bale is to be kept above the Green coloured bale
  - ii) Red coloured bale is to be kept between Pink and White
  - iii) Orange coloured bale is to be kept between Blue and Pink
36. Which coloured bale would be between Red and Orange?
- (A) White
  - (B) Blue
  - (C) Green
  - (D) Pink
37. Which coloured bale would be at the top?
- (A) White
  - (B) Green
  - (C) Blue
  - (D) Can't determine
38. Which two colour bales would be between Pink and Green?
- (A) Red and Orange
  - (B) Orange and Blue
  - (C) Blue and Red
  - (D) White and Red
39. A shop sale is reduced by 20%. By what percentage should the sale be increased to bring it back to the original amount?
- (A) 25%
  - (B) 30%
  - (C) 35%
  - (D) 50%

40. Oranges cost Rs.5/- more per dozen than bananas. If 8 dozen bananas cost as much as 6 dozen oranges, how much do oranges cost per dozen?

- (A) Rs. 16
- (B) Rs. 20
- (C) Rs. 24
- (D) Rs. 25

41. The average age of a committee of 8 members of a governing body of a college is same as it was 3 years ago, a younger member having been substituted for one of them. How much younger is he to the member whose place he took?

- (A) 16 years
- (B) 20 years
- (C) 24 years
- (D) 32 years

**Read the following scenario and answer the questions (42-46) subsequently given.**

Rohit, Payal, Khushi, Soni, Ravi, Shikha, Raja, Riya, Stuti and Neha are sitting on two sides of a rectangular table. Stuti is facing south and sitting at the extreme left corner. Riya is sitting at the third place to the right of Stuti. Neha is sitting right opposite Riya. Ravi is sitting to the left of Khushi. Khushi is sitting to the left of the person sitting opposite Stuti. Rohit is facing south and sitting at a corner. Raja is not sitting opposite Khushi. Shikha is sitting at the left corner.

42. Who is sitting opposite to Raja?

- (A) Riya
- (B) Ravi
- (C) Soni
- (D) Data insufficient

43. If Rohit : Neha and Riya : Ravi , then Raja : \_\_\_\_\_ ?

- (A) Riya
- (B) Stuti
- (C) Khushi
- (D) Soni

44. Who is sitting to the right of Shikha and on the 4<sup>th</sup> position?  
 (A) Stuti  
 (B) Rohit  
 (C) Ravi  
 (D) Data is Insufficient
45. Who all are sitting next to Riya ?  
 (A) Payal, Stuti  
 (B) Neha, Ravi  
 (C) Rohit, Raja  
 (D) Ravi, Soni
46. Who is sitting to the right of Neha?  
 (A) Shikha  
 (B) Khushi  
 (C) Ravi  
 (D) Raja
47. Puja is standing in a queue at 12<sup>th</sup> position from right and at 15<sup>th</sup> position from the left. How many students are there in this queue?  
 (A) 27  
 (B) 25  
 (C) 26  
 (D) 24
48. Two numbers are respectively 40% and 60% more than a third number. The ratio of the two numbers is.  
 (A) 7:8  
 (B) 4:5  
 (C) 5:4  
 (D) 8:7
49. Salaries of Suresh and Rahul are in the ratio of 4:6. If the salary of each is increased by Rs 4000, the new ratio becomes 40:57. What will be the Rahul's salary?  
 (A) 46800  
 (B) 38000  
 (C) 36700  
 (D) 50000
50. A school has admitted 630 students. The ratio of the no of boys to the no of girls is 3:2. This ratio changes to 7:5 after the admission of 90 new students. Find the number of newly admitted boys?  
 (A) 42  
 (B) 40  
 (C) 41  
 (D) 43
51. A man sold two cows at Rs 990. On one cow he earned a profit of 10% and on the other he lost 10%. What is his net profit or loss percentage.  
 (A) 0%  
 (B) 1%  
 (C) 1.5%  
 (D) 3%
52. A man sold an object at a loss of 7%. If he would have sold it for Rupees 96/- then he would have gained a profit of 8%. Find the cost price of object?  
 (A) Rs 604  
 (B) Rs 642  
 (C) Rs 640  
 (D) Rs 649
53. If an article is sold for Rs 480 then the profit made is 20%. What will be the cost price of the article?  
 (A) Rs 400  
 (B) Rs 420  
 (C) Rs 380  
 (D) Rs 440
54. If the length of a rectangle is increased by 20% and its breadth is decreased by 20% then what will be the area of rectangle.  
 (A) Increased by 20%  
 (B) Decreased by 10%  
 (C) Decreased by 4%  
 (D) Increased by 4%

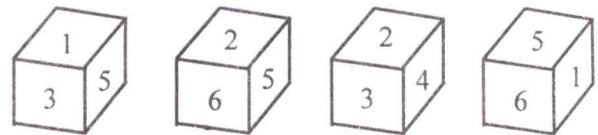
55. A man spends 15% on clothes, 5% on education and saves Rs 240 then what is his income.
- (A) 200  
(B) 332  
(C) 344  
(D) 300

In the givenseries, fill the blank in the middle of the series or end of the series, by observing the patterns of letters and numbers.

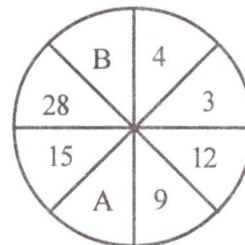
56. SCD, TEF, UGH, \_\_\_\_\_, WKL
- (A) CMN  
(B) UJI  
(C) VIJ  
(D) IJT
57.  $B_2CD$ , \_\_\_\_\_,  $BCD_4$ ,  $B_5CD$ ,  $BC_6D$
- (A)  $B_2C_2D$   
(B)  $BC_3D$   
(C)  $B_2C_3D$   
(D)  $BCD_7$
58. FAG, GAF, HAI, IAH, \_\_\_\_\_
- (A) JAK  
(B) HAL  
(C) HAK  
(D) JAI
59. DEF,  $DEF_2$ ,  $DE_2F_2$ , \_\_\_\_\_,  $D_2E_2F_3$
- (A)  $DEF_3$   
(B)  $D_3EF_3$   
(C)  $D_2E_3F$   
(D)  $D_2E_2F_2$

60. QPO, NML, KJI, \_\_\_\_\_, EDC
- (A) HGF  
(B) CAB  
(C) JKL  
(D) GHI

61. Look carefully at the different faces of a cube given below and choose the correctly paired numbers that belong to the opposite faces.



- (A) 5-4, 2-6, 1-3  
(B) 5-4, 2-1, 3-6  
(C) 5-6, 1-2, 3-4  
(D) 3-6, 1-4, 2-5
62. Find the value of the variables, A and B  
[A = 4, 12, 20, 28    B = 3, 9, 15, 21]
- (A) A = 20, B = 21  
(B) A = 21, B = 30  
(C) A = 21, B = 35  
(D) A = 18, B = 21



63. If 1 hrs 30min ago the angle between the minute hand and the hour hand of a clock was 60 degrees, then what will be the angle between the minute hand and the hour hand if the time after 3hr 30 min from now will be 9:10?
- (A) 220 degrees  
(B) 140 degrees  
(C) 40 degrees  
(D) 240 degrees

Given below is a passage. Based on your understanding, answer the questions that follow:

It should be clear from the above that board examinations in India need serious re-examining. This reality is deeply at odds with the spirit of self-congratulation and 'all is well' at the level of many exam board chairs and education department secretaries. Things will not improve if we continue to drape ourselves in "the fatal shroud of complacent self-esteem". At the same time, the Group felt energized by the enthusiasm for reform shown in its many encounters with school teachers across the country. Such support from teachers is crucial. The success or failure of these reforms will rest on the importance accorded to teacher and examiner training. Much time, effort, and money will need to be invested in such training. Much of this can be accomplished through EDUSAT and distance learning for teacher training. The curriculum of pre-service teachers will also need to be revised. For in-service teacher training, a certificate/diploma course in Educational Measurement and Evaluation should be started by NCERT. Reforming exams alone will attain very little unless it is accompanied by other basic reforms: improvement of teacher training, teacher quality and teacher-student ratio. In addition, making textbooks and the curriculum more relevant and interesting and challenging; and spending more on education (at all levels but now especially for the secondary level) will be vital.

At the same time, it should be recognized that exam reform has the potential to lead educational reform. It has often been lamented that in Indian education the tail (assessment) has usually wagged the dog (of learning and teaching). The charge is a fair one and de-emphasising exams will certainly liberate the learning and teaching process from its straitjacket. But this pivotal position of exams in the educational system can be used to

leverage advantage-to hasten reform within Indian education as a whole. As we have seen in many other areas of government in the last decade, once the winds of change begin to blow they sweep most cobwebs away. The tough job is to get them blowing.

64. What according to the passage is crucial for the success of any reform in examination?
- (A) Investing in the quality of technology viz EDUSAT like systems.
- (B) Investing in developing a knowledge base for the teachers to refer to.
- (C) Investing in the overall teacher and examiner training.
- (D) Investing in acquiring means for better question paper setting.
65. What could be inferred from the statement, "the fatal shroud of complacent self-esteem"?
- (A) Having a fake pride in one's existence and self esteem which is deadly.
- (B) Living in a false idea that everything one has is self sufficient.
- (C) Having a poisonous relations with the world outside.
- (D) None of the above.
66. What does given statement possibly mean? "It has often been lamented that in Indian education the tail (assessment) has usually wagged the dog (of learning and teaching)."
- (A) Teaching and learning had been unrelated activities.
- (B) Examinations are centered just around the purview of learnt content.
- (C) Teaching and learning has no common goal to accomplish.
- (D) Teaching and learning has been undertaken just for the sake of examinations.

In each question below is given a statement followed by two assumptions numbered I and II. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

67. **Statement:** "You are hereby appointed as a programmer with a probation period of one year and your performance will be reviewed at the end of the period for confirmation." - A line in an appointment letter.

**Assumptions:**

- I. The performance of an individual generally is not known at the time of appointment offer.
  - II. Generally an individual tries to prove his worth in the probation period
- (A) Only assumption I is implicit  
(B) Only assumption II is implicit  
(C) Neither I nor II is implicit  
(D) Both I and II are implicit

68. **Statement:** Unemployment allowance should be given to all unemployed Indian youth above 18 years of age.

**Assumptions:**

- I. There are unemployed youth in India who needs monetary support.
  - II. The government has sufficient funds to provide allowance to all unemployed youth.
- (A) Only assumption I is implicit  
(B) Only assumption II is implicit  
(C) Neither I nor II is implicit  
(D) Both I and II are implicit

69. **Statement:** "In order to bring punctuality in our office, we must provide conveyance allowance to our employees." - In charge of a company tells Personnel Manager.

**Assumptions:**

- I. Conveyance allowance will help in bringing punctuality.
  - II. Discipline and reward should always go hand in hand
- (A) Only assumption I is implicit  
(B) Only assumption II is implicit  
(C) Neither I nor II is implicit  
(D) Both I and II are implicit

70. The difference of place value of 4 and face value of 3 in 3784105 is:

- (A) 1  
(B) 3997  
(C) 3845  
(D) 1000

71. There are two numbers such that the sum of twice the first number and thrice the second number is 141 and sum of thrice the first number and twice the second number is 174. The difference between the two numbers is

- (A) 48  
(B) 15  
(C) 33  
(D) Data is inadequate

72. A student was asked to multiply a number by  $\frac{3}{2}$  but he divided that number by  $\frac{3}{2}$ . His result was therefore 10 less than the correct answer. The number is

- (A) 10  
(B) 12  
(C) 15  
(D) 20

73. The ages of two friends A and B differ by 3 years. A's father D is twice as old as A, and B is twice as old as his sister C. The ages of C and D differ by 30 years then the ages of A and B are respectively .....

- (A) 19 years, 15 years
- (B) 18 years, 16 years
- (C) 19 years, 16 years
- (D) 18 years, 15 years

74. If the numerator of a certain fraction is increased by 2 and the denominator is increased by 1, then the resulting fraction is equal to  $\frac{1}{2}$ . If however, the numerator is increased by 1 and denominator is decreased by 2, then the resulting fraction is equal to  $\frac{3}{5}$ . The original fraction is:

- (A)  $\frac{1}{7}$
- (B)  $\frac{2}{7}$
- (C)  $\frac{2}{5}$
- (D)  $\frac{3}{5}$

75. Nine friends have a dinner in a hotel. Eight of them spent Rs. 12 each on their meals and the ninth spent Rs. 16 more than the average expenditure of all nine. The total money spent by them is:

- (A) Rs. 141
- (B) Rs. 135
- (C) Rs. 111
- (D) None of these

**Directions (Q. 76-80): Study the following table carefully and answer the questions given below it.**

Number of different categories of vehicles sold in a state over the years (in thousands)

Year	Heavy	Light Commercial Vehicles	Cars	Jeeps	Two Wheelers
2010	26	64	232	153	340
2011	45	60	242	172	336
2012	72	79	248	210	404
2013	81	93	280	241	411
2014	107	112	266	235	442
Total	331	408	1268	1011	1933

76. In which of the following years was the number of light commercial vehicles sold approximately 25% of the number of two-wheelers sold?

- (A) 2013
- (B) 2011
- (C) 2010
- (D) 2014

77. If the same percentage increase in the number of Heavy vehicles as in 2014 over 2013 is expected in 2015, approximately how many heavy vehicles will be sold in 2015?

- (A) 139
- (B) 141
- (C) 144
- (D) 133

78. The number of Heavy Vehicles sold in 2013 was approximately what percent of the total number of vehicles sold in 2012?

- (A) 8
- (B) 10
- (C) 20
- (D) 12

79. In which year was the number of two-wheelers sold as a percentage of the total number of vehicles sold during that year, the highest?

- (A) 2014
- (B) 2011
- (C) 2010
- (D) 2012

80. The percentage increase in the sales in 2013 over the previous year was maximum for which of the following categories of vehicles?

- (A) Cars
- (B) Heavy Vehicles
- (C) Jeeps
- (D) Light commercial vehicles