



**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO**

**Test 9: Days (41-45)**

**Test Booklet Series**

**Serial No.**

**TEST BOOKLET  
GENERAL STUDIES  
Paper---1**



**Time Allowed : Two Hours**

**Maximum Marks : 200**

**INSTRUCTIONS**

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET *DOES NOT* HAVE ANY UNPRINTED OR TURN 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 A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet. Any omission/discrepancy will render the Answer 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 **100** items (Questions). Each item is printed in both **Hindi** and **English**. Each item comprises four responses (answers). You will select the response which you want to mark on the 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.
5. You have to mark all your responses *ONLY* on the separate Answer Sheet provided. See direction in the answers sheet.
6. **All** items carry equal marks.
7. Before you proceed to mark in the Answer sheet the response to various items in the Test booklet, you have to fill in some particulars in the answer sheets as per instruction sent to you with your Admission Certificate.
8. After you have completed filling in all responses on the answer sheet and the examination has concluded, you should hand over to Invigilator only the answer sheet. You are permitted to take away with you the Test Booklet.
9. Sheet 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 A CANDIDATE IN THE OBJECTIVE TYPE QUESTION 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** 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 **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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## INSIGHTS REVISION TEST-9 PRELIMS 2017

### 1. Consider the following statements about solstices

1. During summer solstice the North Pole is inclined towards the sun and the places beyond the Arctic Circle experience continuous daylight for about six months
2. During winter Solstice, it is winter in the Southern Hemisphere with shorter days and longer nights.

Which of the above statements is/are correct?

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2
- d) Neither 1 nor 2

### 2. Consider the following statements about sea breeze and land breeze in coastal areas

1. During the day, the land gets heated faster than the water. The air over the land becomes hotter and rises up. The cooler air from the sea rushes in towards the land to take its place. The warm air from the land moves towards the sea to complete the cycle. The air from the sea is called the Land breeze.
2. At night it is exactly the reverse. The water cools down more slowly than the land. So, the cool air from the land moves towards the sea. This is called the Sea breeze.

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

### 3. Consider the following statements about Mountains

1. Block Mountains are created when large areas are broken and displaced vertically.
2. The uplifted blocks are termed as graben and the lowered blocks are called horsts.
3. The Aravali range in India is one of the oldest block mountain systems in the world. The range has considerably worn down due to the processes of erosion.

Which of the above statements is/are correct?

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

**4.** With reference to different kinds of fibers, consider the following statements

1. Jute fiber is obtained from the leaves of the jute plant
2. Wool is also obtained from the hair of rabbits, yak and camels
3. Silk fiber is drawn from the cocoon of silkworm

Which of the above statements is/are correct?

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

**5.** With regard to cropping patterns, consider the following statements

1. Crop rotation is growing two or more crops simultaneously on the same piece of land,
2. Inter-cropping is growing two or more crops simultaneously on the same field in a definite pattern
3. The growing of different crops on a piece of land in a pre-planned succession is known as mixed cropping.

Which of the statements given above is/are correct?

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

**6.** Consider the following statements with reference to the formation of Indian subcontinent

1. One of the oldest landmasses, the Peninsula part, was a part of the Gondwanaland.
2. The Gondwanaland included India, Australia, South Africa, Arabian Peninsula, Africa and South America as one single land mass
3. The collision of Indi-Australian plate with the Eurasian plate resulted in the formation of the Himalayas

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 1 and 3 only
- c) 2 and 3 only
- d) All of the Above

7. With reference to problems caused by deforestation, consider the following statements,

1. Deforestation is a contributor to global warming, and is often cited as one of the major causes of the enhanced greenhouse effect.
2. Deforestation reduces soil cohesion, so that erosion, flooding and landslides ensue.
3. Deforestation on a human scale results in decline in biodiversity, and on a natural global scale is known to cause the extinction of many species.
4. Ground water level also gets lowered.
5. In deforested areas, the land heats up faster and reaches a higher temperature, leading to localized upward motions that enhance the formation of clouds and ultimately produce more rainfall.

Which of the statements given above is/are correct

- a) 1, 2, 3 and 4 only
- b) 1, 2, 3 and 5 only
- c) 1, 2, 4 and 5
- d) 1, 2, 3, 4 and 5

8. With reference to lightning, consider the following statements

1. During storms, negative and positive charges meet in the clouds, producing streaks of bright light and sound. The process is called an electric discharge.
2. During lightning coming in contact with open vehicles, like motorbikes, tractors, construction machinery, open cars are not safe.
3. During lightning it is not safe to use mobile phone but it is safe to use a landline.
4. Carrying umbrella is not a good idea at all during thunderstorms

Which of the above statements is/are correct?

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

**9.** With reference to river Ganga, consider the following statements

1. The Bhagirathi-Hooghly river is a major tributary of river Ganga that flows southwards through the deltaic plains to the Bay of Bengal.
2. The headwaters of the Ganga, called the 'Bhagirathi' is fed by the Gangotri Glacier and joined by the Alaknanda at Devaprayag in Uttaranchal.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both
- d) None

**10.** With reference to hybridization in crops, consider the following statements

1. Only way of incorporating desirable characters into crop varieties is by hybridization.
2. Hybridisation refers to crossing between genetically dissimilar plants.
3. This crossing may be intervarietal (between different varieties), interspecific (between two different species of the same genus) or intergeneric (between different genera).

Which of the statements above is/are incorrect?

- a) 1 only
- b) 2 and 3 only
- c) 1 and 2 only
- d) None

**11.** Consider the following statements with reference to regions of Northern plains of India

1. The rivers, after descending from the mountains deposit pebbles in a narrow belt of about 8 to 16 km in width lying parallel to the slopes of the Shiwaliks. It is known as Terai.
2. South of Terai, the streams and rivers re-emerge and create a wet, swampy and marshy region known as Bhabar.
3. The largest part of the northern plain is formed of older alluvium. They lie above the flood plains of the rivers and present a terrace like feature. This part is known as Khadar.
4. The newer, younger deposits of the flood plains are called Bhangar.

Which of the statements given above is/are correct?

- a) 1 and 4 only
- b) 2, 3 and 4 only
- c) 1, 2, 3 and 4
- d) None

**12.** With reference to Indian gharial, consider the following statements

1. They are widely seen in the Indus River, in the Brahmaputra of Bhutan and Bangladesh, and in the Irrawaddy River
2. These are infamous for killing humans and eating them in many parts of India, especially in delta regions
3. It is listed as critically endangered by the IUCN

Which of the above statements is/are **INCORRECT**?

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

**13.** The resource rich Africa and Latin America have some of the poorest countries in the world, whereas many prosperous countries have scarcely any natural wealth. Which of the following can be the strongest reason for the poverty of resource rich African nations?

- a) Little flow of production exists in the poor African countries
- b) There is huge unemployment in the poor African countries.
- c) There is a lack of foreign investment in these African countries.
- d) The natural resources remain unexploited in these poor countries

**14.** Bridgmanite mineral is

- a) The most abundant mineral in Earth
- b) The rare earth mineral used in semiconductor industry
- c) The rarest mineral in earth
- d) Invaluable mineral found on the ocean surface

- 15.** 8 Friends, Amitha, Brunda, Chaitra, Deepa, Emma, Fathima, Gowri, Hasini were sitting equidistantly (may not be in the same order) in a circle facing the centre
- Amitha is sitting opposite to Emma, who is sitting to the immediate right of Hasini
  - Fathima is sitting third to the right of Chaitra
  - Chaitra is sitting opposite to Gowri
  - Brunda is sitting at equidistant from Deepa and Fathima
  - Amitha, Chaitra and Hasini are not adjacent to each other

Who is sitting opposite to Deepa?

- a) Fathima
  - b) Gowri
  - c) Brunda
  - d) Amitha
- 16.** Hasini is sitting in between
- a) Amitha and Brunda
  - b) Emma and Deepa
  - c) Emma and Gowri
  - d) Emma and Amitha

- 17.** GROUP is encoded as %&\$\*-

SINGLE is encoded as !@£?:#

COUPLE is encoded as

(Hint: Encoded character for C is +)

- a) +\$\*:-#
  - b) +\$\*-:#
  - c) +\*\$:-#
  - d) +\*\$-:#
- 18.** Find the average of first five positive multiples of 5
- a) 37.5
  - b) 55
  - c) 15
  - d) 75

19. If 27% of a number is greater than 19% of the same number by 0.2, What is 50% of that number?

- a) 1/8
- b) 5/4
- c) 2
- d) 4

20. Find the missing number in the sequence

0, 2, 6, 30, ?, 3130

- a) 254
- b) 256
- c) 264
- d) 260

21. Factors affecting ocean salinity are,

1. The salinity of water in the surface layer of oceans depend mainly on evaporation and precipitation.
2. Surface salinity is greatly influenced in coastal regions by the fresh water flow from rivers, and in polar regions by the processes of freezing and thawing of ice.
3. Wind, also influences salinity of an area by transferring water to other areas

Which of the above statements is/are correct?

- a) 1 only
- b) 1 and 2 only
- c) 2 and 3 only
- d) All of the Above

22. According to Wegener, who gave continental drift theory, the movement responsible for the drifting of the continents was caused by

1. The polar-fleeing force
2. The tidal force
3. The convection currents

Which of the above is/are correct?

- a) 1 only
- b) 1 and 2 only
- c) 2 only
- d) All Three

**23.** When the availability of water in different storages and reservoirs like aquifers, lakes, reservoirs, etc. falls below what the precipitation can replenish, then it is called as

- a) Meteorological drought
- b) Hydrological drought
- c) Agricultural drought
- d) Ecological drought

**24.** “These clouds are formed at high altitudes (8,000 – 12,000m). They are thin and detached clouds having a feathery appearance. They are always white in colour.”

The above description refers to which type of cloud?

- a) Cumulus
- b) Cirrus
- c) Cumulonimbus
- d) Stratus

**25.** Consider the following statements about “Plant Succession” :

1. It is a directional nonseasonal cumulative change in the types of plant species that occupy a given area through time.
2. Succession begins only when an area is made partially or completely devoid of vegetation because of a disturbance

Which of the following is/are true in this connection?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**26.** Consider the following statements about cyclones

1. The energy to the tropical cyclone comes from the latent heat released by the warm moist air.
2. Hence, with the increase in distance from the sea, the force of the cyclone decreases.

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**27.** The following forms of relationships exist between man and his environment according to the development of geographical thought –

1. Environmental determinism
2. Possibilism
3. Neo-determinism

The correct sequence of the development of these forms of relationships is:

- a) 2, 1, 3
- b) 1, 2, 3
- c) 3, 1, 2
- d) 1, 3, 2

**28.** Consider the following statements

1. These volcanoes are characterised by eruptions of cooler and more viscous lavas than basalt.
2. These volcanoes often result in explosive eruptions.
3. Along with lava, large quantities of pyroclastic material and ashes find their way to the ground.

The above characters best describe which of the following type of volcanoes?

- |                        |                              |
|------------------------|------------------------------|
| a) Caldera             | b) Shield volcanoes          |
| c) Composite volcanoes | d) Mid-Ocean ridge volcanoes |

**29.** Which of the following sources help in studying about the interior of the earth?

1. Meteors that at times reach the earth
2. Gravitation
3. Magnetic Field
4. Seismic Activity

Select the correct answer using the codes below

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

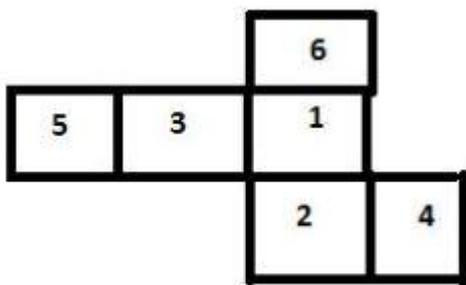
**30.** Which of the following is true about Profundal zone?

- a) It is a deep zone of inland body of free standing water, located below the range of effective light penetration
- b) It is a deep zone of the sea located below the range of effective light penetration
- c) It is upper zone of inland body of free standing water.
- d) None of the Above

**31.** The first fourteen letters of English alphabets are reversed. Find the 13th letter from the end

- |      |      |
|------|------|
| a) A | b) B |
| c) P | d) O |

**32.** 6 numbers 1 to 6 are written front and back of 6 identical squares, with one number on each square, and are hinged together as shown in the figure given below. If they are folded to form a cube, what would be written on the face opposite the face on which 3 is written?



- |      |      |      |         |
|------|------|------|---------|
| a) 5 | b) 6 | c) 4 | d) None |
|------|------|------|---------|

33. Statements:

All cups are glasses.

Some glasses are bowls.

No Bowl is a plate

Conclusions:

- (1) No cup is a plate.
- (2) No glass is a plate.
- (3) Some plates are bowls.
- (4) Some cups are not glasses.

Which of the above conclusion is/are Correct?

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

**Directions for the following 4 (four) items:**

Read the following passage/statements and answer the 4 (four) items that follow:

A, B, C, D, E, F, G go to library to study for unique number of hours each (maximum 10 hour) once a week and never go on the same day

A goes on Monday and G on Friday

D and E go on consecutive days

A studies twice the time of E, C studies twice the time of A, D studies twice the time of C, B studies twice the time of F

E has least study time of 1 hour and G has study time of 7 hours

34. Who studies on Saturday?

- a) C
- b) E
- c) F
- d) B

35. Maximum study hour is

- a) 8 hour
- b) 9 hour
- c) 7 hour
- d) 6 hour

36. Who among the below go on consecutive days?

- a) C and D
- b) C and F
- c) C and E
- d) C and G

37. How many hour does B study?

- a) 2                      b) 3                      c) 6                      d) 8

38. The angle between hour and minute hand at 4:44 pm is

- a) 140  
b) 144  
c) 120  
d) 122

**Directions for the following 2 (two) items:**

Read the following passage/statements and answer the 2 (two) items that follow:

Deepika covered a 150 km distance from Bangalore to Mysore using 3 transportation modes. She drove a car at 90 km/hr for 40 minutes then took a bus for the next 88 km. She finally bicycled the remaining journey at 2.5 m/s speed

39. What is the speed of the bus?

- a) 88 km/hr      b) 45 km/hr      c) 12.22 m/s      d) 24.44 m/s

40. What is the time taken to cover the distance?

- a) 4 hour  
b) 4  $\frac{1}{3}$  hour  
c) 4  $\frac{2}{3}$  hour  
d) 4  $\frac{1}{2}$  hour

41. The Modern Indian Languages can be classified into 4 Families, a number of sub-families and groups. Consider the following statements about the Indian Languages:

1. The languages spoken in Central India are classified under the Austric Family.
2. Kashmiri language is classified under the Indo-Aryan group.
3. Konkani language spoken in Goa is classified under the Dravidian family of languages.

Which of the above is/are correct?

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

**42.** Consider the following statements about immunity in human beings

1. Acquired immunity is pathogen specific
2. Acquired immunity is carried out with the help of two special types of lymphocytes present in our blood, B Lymphocytes and T Lymphocytes
3. The cell-mediated immune response which is a type of acquired immunity is responsible for the graft rejection.

Which of the above statements is/are **incorrect**?

- a) 1 and 3 only
- b) 3 only
- c) 2 and 3 only
- d) None

**43.** Consider the following statements:

1. Most of the area under permanent pastures are owned by the village panchayat.
2. Any land which is left uncultivated for more than five years is known as a culturable waste-Land.
3. The physical extent of land on which crops are sown and harvested is known as net sown area.
4. Land which is left without cultivation for more than one agricultural year is known as Current Fallow.

Which of the statements given above is/are correct?

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

**44.** Consider the following statements about 'Whips' in Indian polity

1. The main function of the Whips is to keep members of their party within sound of the Division Bell whenever any important business is under consideration in the House.
2. During sessions, the Whips of different parties send to their supporters periodic notices, also sometimes called 'Whips', apprising them when important Divisions are expected, telling them the hour when a vote will probably take place, and requesting them to be in attendance at that time

3. The Chief Whip of the Government Party in the Lok Sabha and Rajya Sabha is the Minister of Parliamentary Affairs.

Which of the statements given above is/are correct?

- a) 1 and 3 only
- b) 2 and 3 only
- c) 1 and 2 only
- d) All of the Above

**45.** With reference to gandhiji's views on development, consider the following statements

1. He was quite apprehensive about the on-going development particularly the way industrialisation has institutionalised the loss of morality, spirituality, selfreliance, non-violence and mutual cooperation and environment.
2. In his opinion, austerity for individual, trusteeship of social wealth and non-violence are the key to attain higher goals in the life of an individual as well as that of a nation.
3. His views were also re-echoed in the Club of Rome Report "Limits to Growth" (1972), Schumacher's book "Small is Beautiful" (1974), Brundtland Commission's Report "Our Common Future" (1987) and finally in the "Agenda-21 Report of the Rio Conference" (1993).

Which of the above statements is **incorrect**?

- a) 2 only
- b) 3 only
- c) 1 only
- d) None

**46.** Consider the following statements with reference to Rowalatt Act of 1919:

1. This act effectively authorized the government to imprison for up to two years, without trial, any person suspected of terrorism living in the Raj and gave the imperial authorities power to deal with revolutionary activities.
2. The accused was denied the right to know the accusers and the evidence used in the trial
3. The act was repealed in 1922
4. The infamous Jallianwala Bagh massacre of 1919 was a result of reaction against this act
5. The Rowlatt act was one of the causes of the civil disobedience movement

Which of the above statements is/are correct?

- a) 1, 3, 4 and 5
- b) 2, 3, 4 and 5
- c) 1, 2, 3 and 4
- d) All

**47.** With reference to Warli revolt, consider the following statements

1. Godavari Parulekar was the prominent leader of the revolt
2. Warlis were primitive tribe living in Madhya Pradesh

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**48.** With reference to Harappan sites and agriculture during its period, consider the following statements

1. Most Harappan sites are located in semi-arid lands, where irrigation was probably not required for agriculture as they were located on the bank of Indus river
2. It is likely that water drawn from wells was used for irrigation. Besides, water reservoirs found in Dholavira (Gujarat) may have been used to store water for agriculture.
3. Traces of canals have been found at the Harappan site of Shortughai in Afghanistan, but not in Punjab or Sind.
4. Archaeologists have also found evidence of a ploughed field at Kalibangan (Rajasthan), associated with Early Harappan levels

Which of the above statements is/are correct?

- a) 1, 2 and 4 only
- b) 1, 2 and 3 only
- c) 2, 3 and 4 only
- d) All of the Above

49. Consider the following statements about Indian systems of medicine

1. It includes only five systems: Ayurveda, Yoga, Unani, Siddha and Naturopathy
2. Unani medicine first arrived in India around 12th or 13th century with establishment of Delhi Sultanate (1206-1527) and Islamic rule over North India and subsequently flourished under Mughal Empire
3. Siddha focused to “*Ashtamahasiddhi*,” the eight supernatural power. Those who attained or achieved the above said powers are known as Siddhars.

Which of the above statements is/are correct?

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

50. Gel electrophoresis is a technique used for

- a) Cutting DNA molecules to select only wanted fragments
- b) Separating DNA fragments
- c) Joining fragmented DNA molecules
- d) None of the Above

51. A person invested 10000 rupees for  $x\%$  simple interest for 10 years. He reinvested the received amount for the same interest rate for same period as before. The final amount he received at the end is 22500 rupees. Find the rate of interest  $x$ .

- a) 15
- b) 9
- c) 5
- d) 3

52. A cube is painted green on all its faces and cut into 64 smaller identical groups. How many of these cubes has exactly one face painted green?

- a) 24
- b) 32
- c) 12
- d) 8

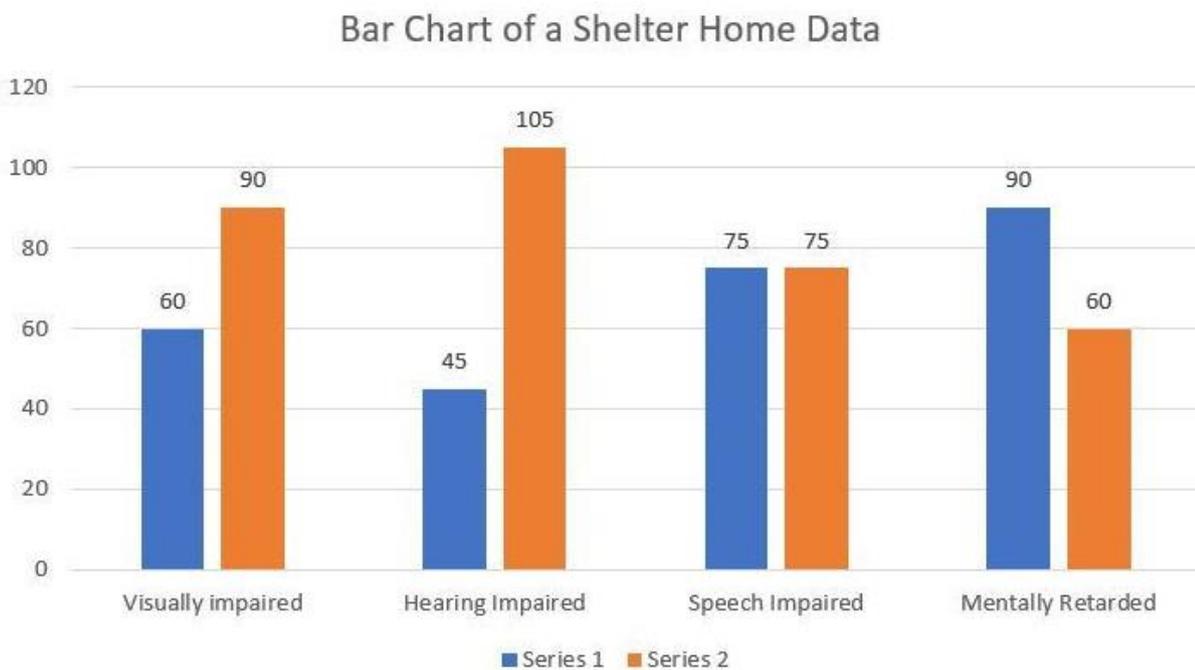
- 53.** The volume of water flown out of a cylindrical pipe with radius 7m in 3 minutes is  $1.54 \times 10^5$  litres. Find the rate of flow of water in the pipe.
- a) 30 km/hr
  - b) 15 km/hr
  - c) 33 km/hr
  - d) 20 km/hr
- 54.** Find the number of 4 digit odd numbers that can be formed by using digits 0, 2, 3, 5 ?
- a) 192
  - b) 96
  - c) 128
  - d) 64
- 55.** Kiran walks towards North for 30 meters then he turns right and walks for 40 meters then he turns left and walks for 20 meters then he walks towards south for 30 meters. How far and in which direction is he from his starting point?
- a) 40 N-E direction
  - b)  $20\sqrt{5}$  N-E direction
  - c) 44 N-W direction
  - d) 50 N-E direction
- 56.** A pack of biscuit is divided to the group as 6, 14 and 21 leaving behind 3 biscuits each time. What is the least number of biscuits that will be in the pack?
- a) 50
  - b) 45
  - c) 42
  - d) 53
- 57.** If January 1, 1985 was Tuesday, what day of the week is January 1, 2086?
- a) Monday
  - b) Tuesday
  - c) Wednesday
  - d) Sunday

58. Find the odd man out

- a) Peninsula
- b) Island
- c) Bay
- d) Cape

**Directions for following 2 (two) items:**

Read the paragraph below and answer the 2 (two) items that follow it:



Above Bar chart represent a disabled and old age shelter home data

y axis = Number of people

Blue bar represents Aged group 0 – 40 (Group A)

Orange bar represents Aged group 40 – 80 (Group B)

People in the category don't overlap.

59. Number of people in group A hearing impaired is what percentage of total number of people in group B from all categories put together?

- a) 12.5%
- b) 12.2%
- c) 13.64%
- d) 13.79%

**60.** For which category and by what percentage is number of people in group B as percentage of number of people in group A maximum?

- a) Hearing Impaired 133.33%
- b) Mentally retarded 133.33%
- c) Hearing Impaired 50%
- d) Mentally Retarded 50%

**61.** Which of the following was/were the demands of the Home Rule Movement started by Tilak?

- 1. To overthrow the British government
- 2. Education in vernacular languages
- 3. Formation of linguistic states

Choose the correct answer using the codes below:

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

**62.** Consider the following statements about the Komagata Maru incident in September 1914:

- 1. Thousands of Indians were killed by the Canadian authorities when they tried to enter into the national boundaries of Canada.
- 2. This incident was one of the reasons for the fuelling of the Ghadr Movement.
- 3. The incident evoked a sharp response from the Indian revolutionaries because people from almost all parts of India were onboard the Komagata Maru ship.

Choose the correct answer from the codes given below:

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

**63.** With reference to the Financial Sector Legislative Reforms Commission (FSLRC) recommendations, consider the following statements

1. The Commission has recommended a seven-agency structure for the financial sector
2. The FSLRC report emphasizes financial consumer protection.

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None of the Above

**64.** An air bubble in water will act like a:

- |                   |                 |
|-------------------|-----------------|
| a) Convex mirror  | b) Convex lens  |
| c) Concave mirror | d) Concave lens |

**65.** As an alternative to the partition of India, Gandhiji suggested to Mountbatten that he

- a) Postpone granting of independence
- b) Invite Jinnah to form the government
- c) Invite Nehru and Jinnah to form the government together
- d) Invite the army to take over for some time

**66.** In the Indian context the term De-notified tribes“ refers to

- a) tribes which are aboriginals
- b) nomadic tribes
- c) tribes practising shifting cultivation
- d) tribes which were earlier classified as criminal tribes

**67.** The Speaker can ask a member of the House to stop speaking and let another member speak. This phenomenon is known as

- |                   |                       |
|-------------------|-----------------------|
| a) decorum        | b) crossing the floor |
| c) interpellation | d) yielding the floor |

**68.** Consider the following features of newer models of motor cars :

1. Radial tyres
2. Streamlined body
3. Multipoint fuel injection
4. Catalytic converter with exhaust

Which of these features make the newer models of motor cars more fuel efficient?

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

**69.** If in an election to a State Legislature Assembly the candidate who is declared elected loses his deposit, it means that

- a) the polling was very poor
- b) the election was for a multi-member constituency
- c) the elected candidate's victory over his nearest rival was very marginal
- d) a very large number of candidates contested the election

**70.** What is edge effect in the context of ecology?

- a) The tendency of increased variety and density of some organisms at the community orders.
- b) The tendency of abundance of a certain variety of terrestrial species at the edge of water bodies.
- c) The stratification from surface to bottom in a lake which results in inefficient use of nutrients and oxygen by the organisms.
- d) None of the Above

**71.** Market price of an article is 200 rupees. If three successive discounts of 20%, 30% and 50% are offered, then find the selling price(in rupees) of the article

- a) 62
- b) 93
- c) 103
- d) 56

**72.** Only six roads A, B, C, P, Q and R connect a military camp to the rest of the country. Only one out of A, P, and R are open at any one time. If B is closed so is Q. Only one of A & B is open during storms. P is closed during floods. In the context, which one of the following statements is correct?

- a) Under normal conditions only three roads are open
- b) During storms at least one road is open
- c) During floods only three roads are open
- d) During calamities all roads are closed

**73.** The average of five numbers is 750. The largest number exceeds the smallest number by 100. If the numbers are in Arithmetic Progression, then find the largest number

- a) 200
- b) 100
- c) 150
- d) 50

**74.** Examine the following statements:

- 1) I watch TV only if I am bored
- 2) I am never bored when I have my brother's company.
- 3) Whenever I go to the theatre I take my brother along.

Which one of the following conclusions is valid in the context of the above statements?

- a) If I am bored I watch TV
- b) If I am bored, I seek my brother's company.
- c) If I am not with my brother, than i'll watch TV.
- d) If I am not bored I do not watch TV.

**75.** Consider the following statements :

- 1. A man had a wife, two sons and daughters in his family
- 2. The daughters were invited to a feast and the male members of the family went out to take part in a picnic
- 3. The man's father did not return from his work.

Which of the following statements is true?

- a) Only the man's wife was left at home.
- b) It is likely that the man's wife was left at home.
- c) None was left at home
- d) More than one person was left at home.

**76.** Out of 130 students appearing in an examination, 62 failed in English, 52 failed in Mathematics, whereas 24 failed in both English and Mathematics.

The number of students who passed finally is

- a) 40
- b) 50
- c) 55
- d) 60

**77.** Find the smallest value of  $x$ , if the number is  $8 \times 456732$  exactly divisible by 9

- a) 1
- b) 9
- c) 8
- d) 6

**78.** A sphere and a cone has same radius  $r$ . Height of cone  $h = 4r$ . What is the ratio of total surface area of the sphere to that of cone?

- a)  $4 : (\sqrt{17} + 1)$
- b)  $4\pi : (\sqrt{17} + 1)$
- c)  $4 : (1 + \sqrt{17})$
- d)  $(1 + \sqrt{17}) : 4$

**79.** In five flats, one above the other, live five professionals. The professor has to go up to meet his IAS officer friend. The doctor is equally friendly to all, and has to go up as frequently as go down. The engineer has to go up to meet his MLA friend above whose flat lives the professor's friend.

From the ground floor to the top floor, in what order do the five professionals live?

- a) Engineer, Professor, Doctor, IAS officer, MLA
- b) Professor, Engineer, Doctor, IAS officer, MLA
- c) IAS officer, Engineer, Doctor, Professor, MLA
- d) Professor, Engineer, Doctor, MLA, IAS officer

**80.** Read the passage given below and the two statements that follow (given on the basis of the passage):

Four men are waiting at Delhi airport for Mumbai flight. Two are doctors and other two are businessman. Two speak Gujarati and two speak Tamil. No two of the same profession speak the same language. Two are Muslims and two are Christians. No two of the same religion are of the same profession, nor do they speak same language. The Tamil speaking doctor is Christian.

- 1. The Christian-Businessman speaks Gujarati.
- 2. The Gujarati-speaking doctor is a Muslim.

Which of the above statements is/are correct conclusion/conclusions?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2