Booklet No.
240613

Series

TEST BOOKLET

GENERAL STUDIES

Paper—II

A

Time Allowed : 2 Hours

Full Marks : 200

Read the following instructions carefully before you begin to answer the questions :

1. Roll Number as mentioned in the Admission Certificate, Test Booklet No. and Series are to be written legibly and correctly in the space provided on the Answer-Sheet with Black/Blue ballpoint pen.

2. **Answer-Sheet without marking Series as mentioned above in the space provided for in the Answer-Sheet shall not be evaluated.**

3. All questions carry equal marks.

   The Answer-Sheet should be submitted to the Invigilator.

   Directions for giving the answers : Directions for answering questions have already been issued to the respective candidates in the 'Instructions for marking in the OMR Answer-Sheet' along with the Admit Card and Specimen Copy of the OMR Answer-Sheet.

   Example :

   Suppose the following question is asked :
   The capital of Bangladesh is
   (A) Chennai
   (B) London
   (C) Dhaka
   (D) Dhubri
   You will have four alternatives in the Answer-Sheet for your response corresponding to each question of the Test Booklet as below :

   Ⓐ Ⓑ Ⓒ Ⓓ

   In the above illustration, if your chosen response is alternative (C), i.e., Dhaka, then the same should be marked on the Answer-Sheet by blackening the relevant circle with a Black/Blue ballpoint pen only as below :

   Ⓐ Ⓑ ● Ⓓ

   The example shown above is the only correct method of answering.

4. Use of eraser, blade, chemical whitener fluid to rectify any response is prohibited.

5. Please ensure that the Test Booklet has the required number of pages (32) immediately after opening the Booklet. In case any page(s) is/are missing, please report the same to the Invigilator.

6. No candidate shall be admitted to the Examination Hall/Room 20 minutes after the commencement of the examination.

7. No candidate shall leave the Examination Hall/Room without prior permission of the Supervisor/Invigilator. No candidate shall be permitted to hand over his/her Answer-Sheet and leave the Examination Hall/Room before expiry of the full time allotted for each paper.

8. No Mobile Phone, Electronic Communication Device, etc., are allowed to be carried inside the Examination Hall/Room by the candidates. Any Mobile Phone, Electronic Communication Device, etc., found in possession of the candidate inside the Examination Hall/Room, even if on off mode, shall be liable for confiscation.

9. No candidate shall have in his/her possession inside the Examination Hall/Room any book, notebook or loose paper, except his/her Admission Certificate and other connected papers permitted by the Commission.

10. Complete silence must be observed in the Examination Hall/Room. No candidate shall copy from the paper of any other candidate, or permit his/her own paper to be copied, or give, or attempt to give, or obtain, or attempt to obtain irregular assistance of any kind.

11. This Test Booklet can be carried with you after answering the questions in the prescribed Answer-Sheet.

12. Noncompliance with any of the above instructions will render a candidate liable to penalty as may be deemed fit.

13. No rough work is to be done on the OMR Answer-Sheet. You can do the rough work on the space provided in the Test Booklet.

N.B. : For each question for which wrong answer has been given by the candidate, one-fourth of the marks assigned to that question will be deducted as penalty.

/44-A (2)

[No. of Questions : 80

Read the following passage carefully and answer Question Nos. 1, 2 and 3 :

Up to the age of 12 all the knowledge I gained was through Gujarati, my mother tongue. I knew then something of Arithmetic, History and Geography. Then I entered a High School. For the first three years the mother tongue was still the medium. But the schoolmaster's business was to drive English into the pupil's head. Therefore more than half of our time was given to learning English and mastering its arbitrary spelling and pronunciation. It was a painful discovery to have to learn a language that was not pronounced as it was written. It was a strange experience to have to learn the spelling by heart. For the first three years it was comparatively plain sailing.

The pillory began with the fourth year of my school. Geometry, Algebra, Chemistry, Astronomy, History and Geography—all were to be learnt in English. The tyranny of English was so great that even Sanskrit or Persian had to be learnt through English, not through the mother tongue. It did not matter to the teacher if a boy spoke bad English which he could neither pronounce correctly nor understand fully. Why should the teacher worry? His own English was by no means without blemish. The result was chaos. I know now why I took four years to learn of Arithmetic, Geometry, Algebra, Chemistry and Astronomy. If I had not to learn them through English but Gujarati, my grasp of the subjects would have been easier and clearer. My Gujarati vocabulary would have been richer. I would have made use of such knowledge in my own home. This English medium created an impassable barrier between me and the members of my family, who had not gone through English schools. I was fast becoming a stranger in my own home.

1. "His own English was by no means without blemish." This means
   (A) the teacher made mistakes in English
   (B) the students made mistakes in English
   (C) the teacher's English was good
   (D) the students understood what the teacher was saying

2. The author says that if the medium of education was Gujarati instead of English, many things would happen. Which of the following claims is the author not making?
   (A) He would have learnt faster
   (B) His Gujarati vocabulary would have been richer
   (C) His English would have improved
   (D) His dress would not have changed

3. Why was everything plain sailing during the first three years?
   (A) The schoolmaster was well-trained
   (B) The medium of teaching was the mother tongue
   (C) The syllabus was easy
   (D) There were only a few subjects

*Read the following passage carefully and answer Question Nos. **4**, **5** and **6** :*

When vegetation sprouts in the desert, it is a good sign but when the ice in the Arctic and the Antarctic begins to turn green, there is something terribly wrong. Reports say that an iceberg, approximately the size of New York City, has broken off from the icy continent. An Argentine team discovered huge cracks in the polar ice caps. These developments can have serious implications. If polar ice fields melt, our coastal cities might be submerged and sea levels across the world could rise between 3·65 and 6·09 metres in different parts of the Earth. This is probably due to global warming.

4. What do you think is the intention of the author?

   (A) To describe strange phenomenon in nature

   (B) To report findings of the research teams working in the polar regions

   (C) To make us aware of the dangers of global warming

   (D) To compare developments in deserts and polar regions caused by global warming

5. Polar ice caps develop huge cracks because

   (A) of the movement of the Earth

   (B) of the breaking off of the icebergs

   (C) of the crowding of cities like New York

   (D) of rising temperature

6. When ice turns green in the Arctic and the Antarctic

   (A) green grass grows there

   (B) heat has increased there

   (C) it means there is a combination of ice and zinc sulphate

   (D) plants can thrive there

*Read the following passage carefully and answer Question Nos. **7**, **8** and **9** :*

Opera is a dramatic art form, originating in Europe, in which the emotional content is conveyed to the audience as much through music, both vocal and instrumental, as it is through lyrics. By contrast, in musical theatre, an actor's dramatic performance is primary and the music plays a lesser role. The drama is presented in opera using the primary elements of theatre such as scenery, costumes and acting.

However, the words of the opera or libretto are sung rather than spoken. The singers are accompanied by a musical ensemble ranging from a small instrumental ensemble to a full symphonic orchestra. It is a 400-year old genre. Artists are engaged in it all over the world.

Composers, singers and directors have used this art form to tell stories. Italy is the birthplace of the opera. In the 16th century, the Florentine poets, musicians and writers cultivated this form of dramatic singing. In India, we have an equivalent of the opera. It is known as Natya Sangeet.

7. Opera is an art form that

    (A) has developed under the influence of musical theatre

    (B) is often performed in Europe

    (C) is the most complex of all the performing arts

    (D) is a drama sung with the accompaniment of the orchestra or an ensemble

8. Natya Sangeet means

    (A) music and drama together

    (B) only drama

    (C) only singing

    (D) prose compositions

9. Musical theatre is different from opera because

    (A) drama in opera is more important than in musical theatre

    (B) musical theatre relies above all on music

    (C) the actor's skill is of prime importance in musical theatre

    (D) musical theatre uses a larger orchestra

Read the following passage carefully and answer Question Nos. **10**, **11** *and* **12** :

These days we are all getting accustomed to getting home services. Particularly the cities have seen the growth of home services. Home services provide us with health care, child care, grooming, servicing of appliances, and preparation of meals and so many other tasks of daily life. We have gradually adapted to taking convenience service for most of our needs. The days of keeping a house by the family themselves are slowly evaporating in the cities. A plethora of services is on offer and many families are opting for the convenience. The industry has grown by leaps and bounds in India. Gone are the days of browsing through phone books or relying on neighbours to find someone to fix your leaking tap or install your AC after a move. Today on-demand services are transforming how we maintain our homes, making the process faster, simpler and more conveniently reliable. The home

services have become easy and transparent too. We can now download a variety of applications and book services at any hour and for any task. Online platforms have built up a variety of services at competitive prices; removing hidden costs and haggling. A feature that makes these services outstanding is the transparency. Customer reviews and ratings have become a part of building trust and attracting repeat consumers. It remains to be seen how far these service providers can execute their promise of professionalism and trusted service.

10. Families are choosing home service because

    (A) it is cost-effective

    (B) it is convenient and transparent

    (C) it is mostly automated

    (D) it is an urban phenomenon

11. One of the ways to keep growing the business of home services

    (A) is to build trust and professionalism

    (B) is to keep calling customers

    (C) is to offer gifts and schemes

    (D) is to send untrained personnel

12. 'A plethora of services' means

    (A) one or two services

    (B) a dyad of services

    (C) a triad of services

    (D) a bunch of services

13. 'Clothes maketh a man' means

    (A) by dressing in a certain way, we can avoid being perceived by others

    (B) by dressing in a certain way, we can shape our behaviour and the way we perform

    (C) we can exert little control over our appearance

    (D) we want to draw unwarranted attention

14. A teenager will speak to his grandmother and to his friend

    (A)   in the same way

    (B)   on any topic which might be considered taboo

    (C)   ignoring grammar and propriety

    (D)   using a different sociolinguistic strategy

15. While communicating, you should

    (A)   use adorned style of language

    (B)   be courteous

    (C)   use the acerbic effect of your message

    (D)   not control your emotions

16. Rapport building and facilitating is

    (A)   part of mentoring

    (B)   part of beguiling the innocent

    (C)   inhibiting the learner

    (D)   misaligning of expectations

17. The willingness to listen and learn helps us to

    (A)   cut another person to size

    (B)   resolve differences

    (C)   polarize people

    (D)   prejudge people

18. Ridiculing a vulnerable person is to

    (A)   enchant

    (B)   flatter

    (C)   cajole

    (D)   bully

19. While admitting a serious lapse, you should not

    (A)   express accountability

    (B)   offer an alternative solution

    (C)   show resentment in your tone

    (D)   explain how you plan to resolve

20. In a multicultural environment, a strong regional accent **may**

    (A)   hinder complete understanding

    (B)   be easily accepted by everyone

    (C)   not vary in terms of pronunciation

    (D)   be accepted with impatience

21. The universal gesture that conveys the same meaning in **all societies** is

    (A)   the handshake

    (B)   the eye contact

    (C)   the Indian nod

    (D)   the smile

22. The concept of space and territoriality is influenced by

(A) fixed circumstances

(B) cultural transmission including sociopsychological views

(C) ideas of superior status

(D) physical boundaries alone

23. Emotional intelligence is

(A) blend of watching, sympathizing and communicating

(B) critically watching human language

(C) the ability to pick up subtle cues, even when no words are spoken

(D) to be emotionally charged up

24. Old wives' tales are

(A) misconceptions

(B) authentic

(C) plausible

(D) credible

25. Interpersonal skills involve

(A) a rigid hierarchical attitude

(B) active listening

(C) absence of coordination and interdependence

(D) working solitarily to achieve goals

26. Sometimes the fear of not being perfect may stem from

(A) being realistic about ourselves

(B) accepting ourselves as we are

(C) ignorance and lethargy

(D) overthinking

27. A sense of one's own worth needs

(A) achieving personal growth

(B) pleasing others most of the time

(C) no social acceptance

(D) happy-go-lucky attitude

28. Find the remainder when $10^{335} - 4$ is divided by 3.

(A) 0

(B) 1

(C) 6

(D) 2

29. A number is increased by 30% and then decreased by 30%. Find the net increase/decrease in percentage.

(A) Increased by 9%

(B) Increased by 39%

(C) Decreased by 9%

(D) There is neither an increase nor a decrease

30. What is the value of $(5\sqrt{7} + 2\sqrt{7})(6\sqrt{7} + 3\sqrt{7})$?

(A) 521

(B) 441

(C) 381

(D) 481

31. Tim was calculating the area of a square. He made a mistake in measuring the side of the square, the error being 10% in excess. Find the resultant percentage error in the area of the square.

(A) 11%

(B) 15%

(C) 21%

(D) 60%

32. The sides of a rectangular garden are 36 m × 64 m. Find the perimeter of a square garden which has the same area as that of the rectangular garden.

(A) 192 m

(B) 140 m

(C) 160 m

(D) 182 m

33. An 80 m long ladder is leaning against a wall making an angle of 45° with the ground. Find the distance of the foot of the ladder from the wall.

(A) $40\sqrt{2}$ m

(B) $41\sqrt{2}$ m

(C) $39\sqrt{2}$ m

(D) $42\sqrt{2}$ m

34. The table below shows the daily income of 50 persons in rupees :

Income (in ₹)	Number of persons
Less than 200	12
Less than 250	26
Less than 300	34
Less than 350	40
Less than 400	50

How many persons earn ₹ 250 or more but less than ₹ 350?

(A) 6

(B) 40

(C) 16

(D) 14

35. The expenditures of a company per annum (in lakh rupees) over a given period are given in the following table. Study the table and answer the question based on it :

Year	Head of expenditures				
	Salary	Fuel & transport	Bonus	Interest on loans	Taxes
1998	288	98	3·00	23·4	83
1999	342	112	2·52	32·5	103
2000	324	101	3·84	41·6	74
2001	336	133	3·68	36·4	88
2002	410	142	3·96	49·4	98

The total amount of bonus paid by the company during the given period is what percent of the total amount of salary paid during the same period?

(A) 0·1%

(B) 1·5%

(C) 1·25%

(D) 1%

36. The seats for Mathematics, Physics and Biology in a school are in the ratio 5 : 7 : 8. There is a proposal to increase the seats by 40%, 50% and 75% respectively for Mathematics, Physics and Biology. What will be the new ratio of the seats in Mathematics, Physics and Biology when the proposal is implemented?

(A) 2 : 3 : 4

(B) 6 : 7 : 8

(C) 6 : 8 : 9

(D) None of the above

37. The HCF of two numbers is 8. Which of the following can never be their LCM?

(A) 24

(B) 48

(C) 56

(D) 60

38. In an examination, a candidate scores 4 marks for every correct answer and loses 1 mark for every incorrect answer. If he attempts all 75 questions and scores 125 marks, then the number of questions he answered correctly is

(A) 35

(B) 40

(C) 42

(D) 46

39. The vertices of a quadrilateral $ABCD$ are respectively $A(0,0)$, $B(4,4)$, $C(4,8)$ and $D(0,4)$. Then $ABCD$ is a

(A) square

(B) rhombus

(C) rectangle

(D) parallelogram

40. If $x + \dfrac{1}{x} = 1$, then the value of $\dfrac{x^2 + 3x + 1}{x^2 + 7x + 1}$ is

(A) $\dfrac{1}{2}$

(B) $\dfrac{3}{7}$

(C) 2

(D) 1

41. Study the given pie charts and answer the question :

Sources of Funds for the School

NGOs 38%
Government 12%
Internal Sources 15%
Donations 35%

Use of Funds by the School

Payment 11%
Reserved 33%
Scholarship 26%
School Maintenance 30%
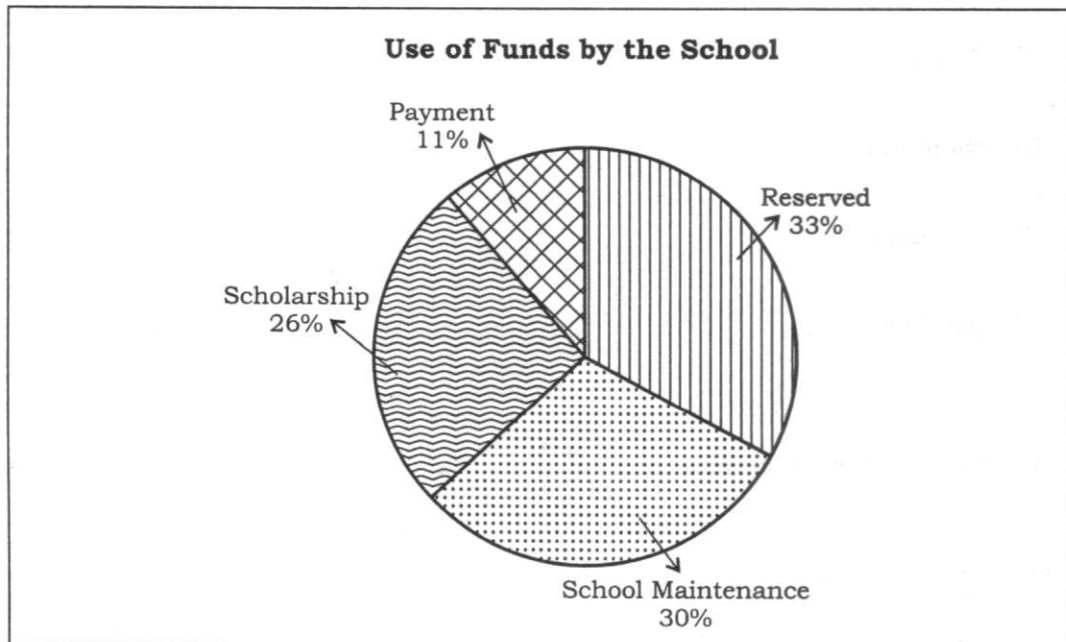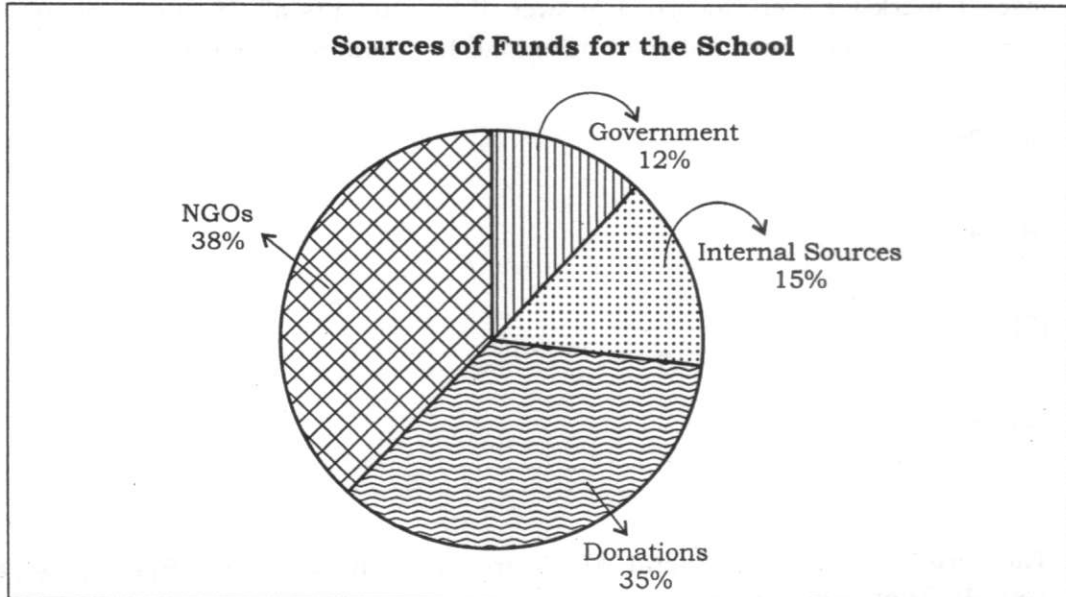
If the scholarship has to be paid out of the donations fund, then what is the percentage of donations fund used for this purpose? The entire funds that the school gets from different sources is ₹ 10 lakhs.

(A) 75·25%

(B) 74·29%

(C) 72·15%

(D) 80·25%

42. Looking up towards the sky, David realized that the vast majority of swans flying above are blue in colour. Which of the following can David logically conclude?

(A) There is a blue swan.

(B) There is a white swan.

(C) Not everything that is blue is a swan.

(D) None of the above conclusions is satisfactory

43. Rohit has a few cricket trophies that he placed in three different display boxes—Left, Centre and Right. Each box has space for two trophies. The Ranji is kept in the Right box. Nayudu and Premier are in the next one near the box with World. The Vizzy is kept in the Left box. The World is in the same box as Vizzy. In which box should he place the Champions?

(A) Right box

(B) Centre box

(C) Left box

(D) All are already full

44. "Doramian students were right in 1995 to stage protests demanding that the university education should be made free."

Which of the following assumptions is not required for acceptance of the above situation?

(A) Citizens of Doramy have the freedom to stage protests.

(B) Universities of Doramy are not fully state funded, and hence they charge fee from students.

(C) Doramian universities accept enrollment of students from other countries.

(D) Students of Doramy were not happy that the university education in their country was not free.

45. In a sale, the following lots are to be placed :

	Lot 1	Lot 2	Lot 3	Lot 4	Lot 5
Brand	Maximus	Desdem	Romulus	Ignis	Florice
Product	Filter	Fryer	Filter	Heater	Fryer
Price (INR)	10,000	7,000	6,000	4,500	17,500

If the lots are placed by product, then by brand, in alphabetical order, then what would be the price of buying one item from the lot placed at the fourth position and one item from the lot placed at the second position?

(A) INR 21,500

(B) INR 17,500

(C) INR 23,500

(D) INR 24,500

46. Based on the question, "In a developing nation like ours, should the Government be engaging more in space exploration research?", identify which of the following is a weak argument.

(A) No, the money spent on these programmes can be used to increase the funding for education and health care, which would increase quality of life of our country's population.

(B) Yes, the findings and results of these space exploration programmes have been successfully applied to industry and agriculture, thereby boosting our economy in general.

(C) Yes, space exploration research being frontier area of research has provided a boost to our military strength.

(D) No, our country has spent too much already, and any further expense would hardly provide any marginal advantage.

47. While visiting another planet, our forefathers learnt that

1. Jhummaliya means manpower

2. Plutojhumma means superman

3. Jhummahusa means mankind

In that planet, which of the following words could possibly mean 'kindhearted'?

(A) Husabling

(B) Plutoliya

(C) Husapluto

(D) Husajhumma

48. Identify the best suitable choice of words to complete the following sentence :

"A _____ cannot exist without _____."

(A) horse; saddle

(B) country; king

(C) bottle; beverage

(D) champion; winning

49. Four entities—rhino (Kaziranga), tea (Jorhat), silk (Sualkuchi) and tiger (Manas) are linked to four persons—Priya, Raju, Sumi and Tora. Priya avoids animals, Raju loves fabrics, Sumi studies plants, and Tora tracks wildlife. Who is linked to silk?

(A) Priya

(B) Raju

(C) Sumi

(D) Tora

50. If all Zinks are Winks and no Winks are Pinks, then which of the following statements must be true?

(A) Some Zinks are Pinks.

(B) No Zinks are Pinks.

(C) All Pinks are Zinks.

(D) Some Winks are not Pinks.

51. In a certain village, every person is either a knight or a knave. Knights always speak the truth and knaves always lie. Two villagers, *A* and *B*, make the following statements :

- *A* says, "*B* is a knave."
- *B* says, "*A* and I are both knaves."

What are *A* and *B*?

(A) *A* is a knight, *B* is a knave

(B) *A* is a knave, *B* is a knight

(C) Both are knights

(D) Both are knaves

52. In a certain village, two-thirds of the villagers own bicycles, one-fourth of the villagers grow vegetables, one-fifth of the villagers are employed and three-fourths of the villagers are above 30 years of age. Which one of the following statements must certainly be true?

(A) All villagers who own bicycles are employed.

(B) Some villagers who are above 30 years of age own bicycles.

(C) One-third of the villagers who grow vegetables own bicycles.

(D) Half of the villagers who are employed grow vegetables.

53. In a group of 100 people, 60 like milk tea, 50 like green tea and 20 like neither. How many people like both milk tea and green tea?

(A) 10

(B) 20

(C) 30

(D) 40

54. What replaces the blank box with a question mark in it?

(A)

(B)

(C)

(D)
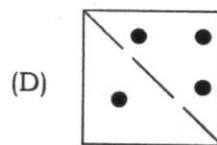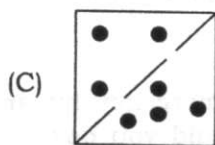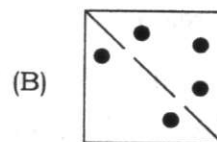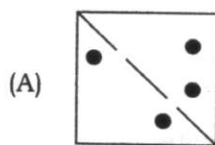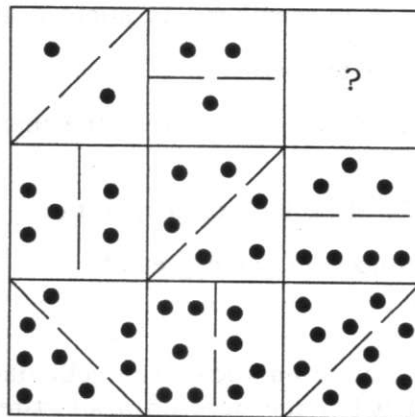
55. As an administrator of a city, you received a complaint from a lady that a stranger has rented a house in her neighbourhood and he looks very suspicious. She has never seen him around earlier. He has a strange behaviour and goes out during night at odd hours. People who come to meet him also appear to be of the same type. She is apprehensive that this man might be engaged in some terrorist activities. In such a situation, what would you do?

(A) Go to the house and ask the suspected person to give his personal details

(B) Ask the lady, who complained, for more details and then act accordingly

(C) Tell her to keep calm and stop being apprehensive

(D) Do nothing because you have no evidence about any unlawful activities of the man

56. You are in charge of a time-bound infrastructure project in a remote place. During the project review meeting, you find that the project is likely to be delayed on account of lack of cooperation from the team members. In such a situation, you would

   (A) ask for replacement of team members

   (B) look into the reasons for non-cooperation from the team members and try to mitigate them

   (C) warn the team members for their lack of cooperation

   (D) ask for extension of the project on some pretext

57. Your city is facing severe air pollution on account of vehicular emissions. You have to decide on the most effective policy measure on a short-term basis. What would you do?

   (A) Launch a mass reforestation drive across the city

   (B) Ban all private vehicles with immediate effect

   (C) Implement odd-even vehicle rationing based on license plate

   (D) Mandate electric vehicle (EV) usage for all government employees

58. You are a receptionist at the front desk of a hospital. An emergency hit and run accident case has been brought in by some people. What would you do?

   (A) First, complete the admission procedure and then call the doctor on duty

   (B) Call the doctor on duty and start the admission procedure

   (C) Inform the police and wait for the police to arrive

   (D) Call the doctor on duty, inform the police, and start the admission procedure

59. You are teaching in a class. A student gets up and asks a question, whose answer you are not aware of. What will you do?

   (A) You will censure the student for disrupting the proceedings of the class

   (B) You will try to answer the question by beating around the bush so that the student may not get the impression of your ignorance about the answer

   (C) Ask the student a counter-question and ask him to study more

   (D) Tell the student that at the moment you do not know the answer, but you will try to find an answer for him next day

60. You have received an e-mail from an unknown source asking you to share your bank account login id and password, and also to update your bank KYC. What will you do?

(A) Will not respond to the sender and forward the e-mail to the concerned authority for their perusal and necessary action

(B) Will send your bank details immediately so that your account may not be made inoperative

(C) Will delete the e-mail and forget about it

(D) Will reply to know why they need the bank login id and password

61. You took your vehicle to an approved pollution testing centre. The executive at the centre fed the required data to his computer, came out of the kiosk and took front and back photographs of your vehicle. He then went back to his computer and surprisingly, handed over the PUCC to you without actually testing the emission. Needless to say, all data shown in the PUCC were within permissible limits. What will you do?

(A) You nonchalantly pay the required amount and leave the centre

(B) You pay the required amount, praise the executive for his cost cutting efforts and leave the centre

(C) You admonish the centre executive and make him do a real emission test and then pay the required amount

(D) You pay the required amount, and leave the centre but report the entire matter to the District Transport Office for necessary action

62. You are carrying about 3 kg in excess of the luggage allowance for your upcoming flight to your ancestral place. You have packed your bag with presents for relatives and friends. You plan to plead with the check-in executive in the airport to overlook the excess luggage and waive the charge for it.

In the check-in counter, the executive behind the desk seems to ignore your plea and hands over a paper note which mentions the amount to be paid. You got annoyed and wanted to argue your case further. Then you noticed that the executive is wearing a tag which says that he can neither hear nor speak. What will you do?

(A) You will give a thumbs up to the executive and pay for the excess baggage with a smile

(B) You will withdraw from the counter and move to the adjacent one

(C) You will pay for the excess baggage, but will lodge a complaint to the airline for employing a person with disability as a check-in executive

(D) You will create a scene as your pleas were not being heard

63. You are leading a group of professionals to prepare a digital twin of an industrial township. The project involves extensive fieldwork as well as AI assisted computing. Also, the project should be completed within a given timeline. What will you do?

(i) The team will be in constant touch with one another through social media

(ii) The entire team will assemble in the company conference room every morning to take stock of the situation till the project is over

(iii) Some of the team members will be allowed to work from home, if justified by the nature of the job

(iv) No team member will be allowed to work from home

Select the correct answer from the codes given below.

(A) (i) and (iii)

(B) (i) and (iv)

(C) (ii) and (iv)

(D) Only (iv)

64. You are the head of the civil administration of a subdivisional town.

Without much of a warning, the town and its neighbouring locations were ravaged by a cloudburst. You and your team is working tirelessly in the field as well as in the control room.

While you were busy in the control room, a few people from the media approached you to enquire about the loss of life and property and the administration's response to it. What will you do?

(A) You will brief the media persons with the latest data and inform them of the relief and rehabilitation works currently being undertaken

(B) You will refuse to talk to the media persons as you are extremely busy and tell them that your office will issue a press note by the evening

(C) You will refuse to talk to the media persons as you are extremely busy and you will assign a junior person from your office to brief them

(D) You will refuse to talk to the media persons as you are extremely busy and reprimand them for disturbing the relief and rehabilitation works

65. You are the leader of a team working on a certain project. On a certain issue pertaining to the project, opinion is divided among the team members on the steps to be taken. What will you do?

(A) You will impose your idea

(B) You will consult each member of the team regarding the best way forward and then approve one of the suggestions coming from the team members

(C) You will pick up a few alternative ideas and allow voting among the team members to select one

(D) You will consult your seniors in the institution, go through some case studies, and then select the most appropriate approach to the problem. You will acquaint the team members with your solution to the problem and then implement it

66. Generic medicines are many times cheaper than the branded varieties and they are effective alternatives to the branded ones. As a civil servant, you wish to popularize the generic medicines, especially among the economically challenged section of the population in the town where you are currently posted. What will you do?

(A) Organize awareness meetings

(B) Distribute pamphlets

(C) Create awareness through social media

(D) All of the above

67. You have planned a vacation and you have decided to fly to the destination. But, despite having a confirmed air ticket, you were denied boarding by the airline staff on the pretext that the flight is overbooked; however, you were offered boarding in the next available flight same day. What will you do?

(A) You will vehemently and loudly protest, and sit on a Dharna in the airport itself and come back home after some time

(B) You will express extreme displeasure but will take their offer for the next flight

(C) You will express extreme displeasure but will take their offer for the next flight and later, describe your unpleasant experience with the airline in your social media account

(D) You will vehemently and loudly protest, reject the offer for the next flight and book fresh ticket in a different airline and later, describe your unpleasant experience with the airline concerned in your social media account

68. Consider the following statements and conclusions :

Statements :

1. All engineers are mathematicians.

2. Some mathematicians are logicians.

3. No logician is a poet.

Conclusions :

(i) Some mathematicians are not poets.

(ii) Some engineers are not poets.

(iii) No engineer is a poet.

Which conclusion (conclusions) follows (follow) from the statements?

(A) Only (i) and (ii)

(B) Only (ii)

(C) Only (iii)

(D) All of the above

69. The following Venn diagram shows, out of 200 people, how many own smartphones, laptops and tablets. What is the number of people who own both smartphones and laptops?
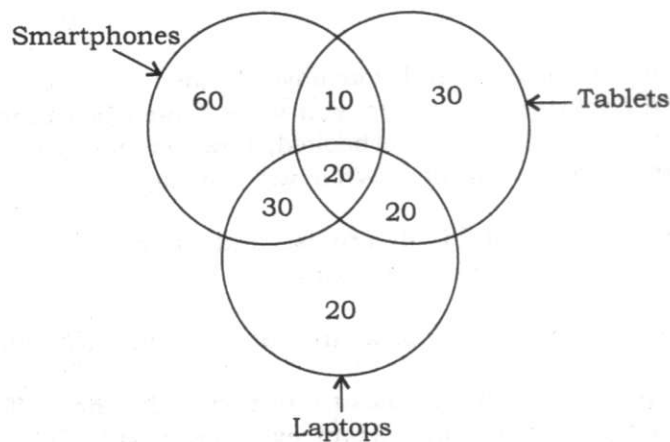
(A) 120

(B) 60

(C) 50

(D) 30

70. Pointing to a boy, Dipankar says, "His mother is the daughter-in-law of my mother's mother." How is Dipankar related to the boy?

    (A) Father

    (B) Uncle

    (C) Cousin

    (D) Brother

71. A cube is painted on all its faces and then cut into 27 smaller cubes. How many smaller cubes will have exactly 3 faces painted?

    (A) 6

    (B) 8

    (C) 12

    (D) 24

72. In a room full of 100 people, 99% are right-handed. How many right-handed people have to leave the room to make that percentage 98%?

    (A) 1

    (B) 2

    (C) 25

    (D) 50

73. What combination of alphanumeric characters should occupy the vacant space of the given table?

1Y	4Z	7X
10Z		50Y
3Z	2Y	1X

    (A) 25X   (B) 20X

    (C) 1X   (D) 1Z

74. Which letter of the English alphabet should occupy the blank space in the given horizontal table?

W	S	Q	M	

(A) L   (B) K

(C) I   (D) E

75. In this sequence, what number would logically come next?

2, 4, 8, 4, 6, 5, 9, 4, ____

(A) 6   (B) 8

(C) 4   (D) 3

76. From the given set of 5 numbers, identify the odd number out :

5712, 9211, 4307, 2309, 7512

(A) 9211   (B) 4307

(C) 2309   (D) 7512

77. Consider the statement and the conclusions given below :

Statement :

As compared to the earlier times, the weather forecasts issued by the meteorological department are fairly accurate.

Conclusions :

(i)   In recent times, the meteorological department has hired some highly qualified individuals.

(ii) The science of meteorology has made great advances in recent years.

Choose the correct option.

(A) Only conclusion (i) follows

(B) Only conclusion (ii) follows

(C) Both conclusion (i) and conclusion (ii) follow

(D) Neither conclusion (i) nor conclusion (ii) follows

78. Consider the following statements in respect of the two distance travelled vs. time graphs for one-dimensional motion of objects :
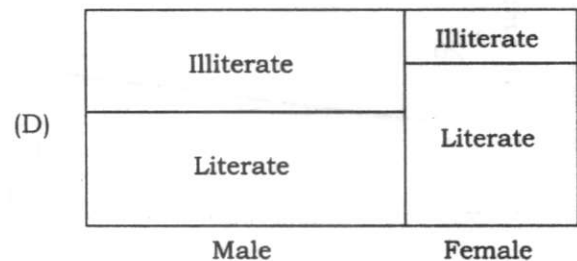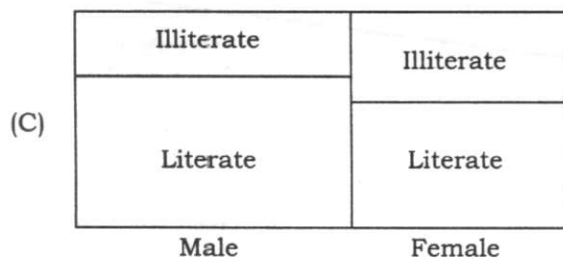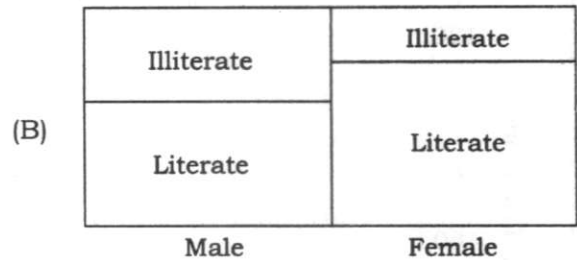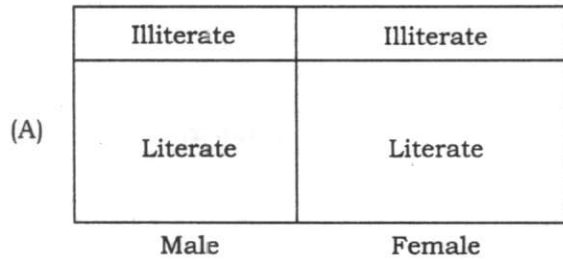

Distance travelled vs. Time graphs
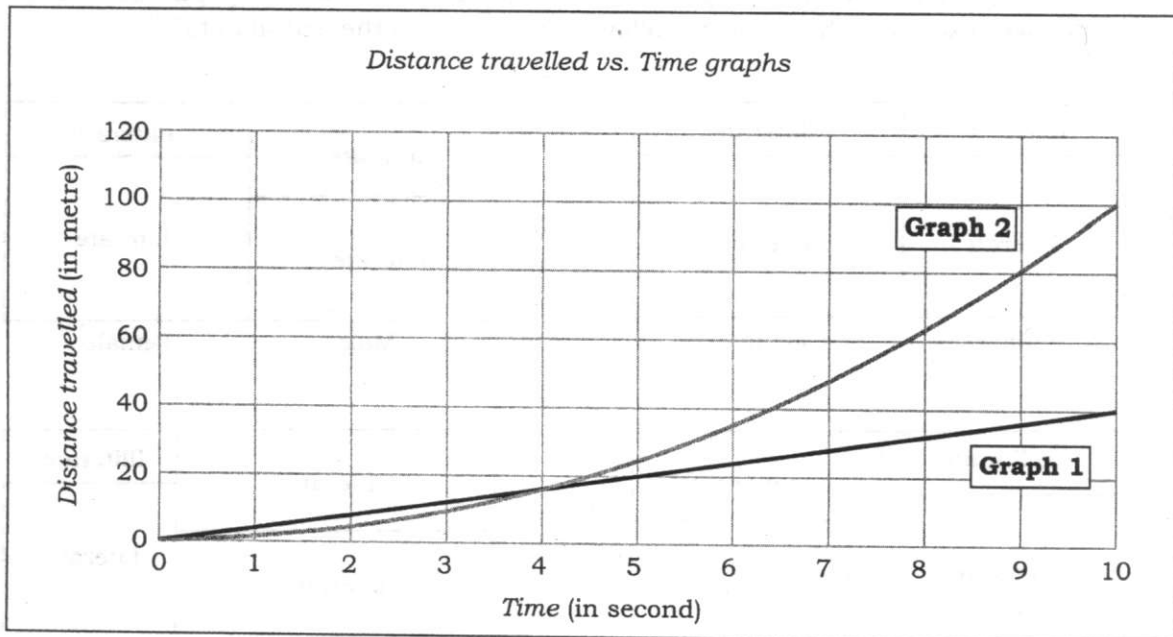
(i)   Graph 1 describes a uniform motion.

(ii) Graph 2 describes a uniform circular motion.

(iii) Graph 1 describes a motion with a constant speed of 4 m/s.

(iv) Graph 2 describes a motion with a variable speed.

Select the correct statement (statements) using the codes given below.

(A)   Only (i)

(B)   (i) and (ii)

(C)   Only (i) and (iii)

(D)   (i), (iii) and (iv)

79. In the figures below, the outer box represents the population of Assam as per 2011 Census. Its left subdivision represents the male population while the right one represents the female population. The male and female boxes are further subdivided topwise and bottomwise to represent the illiterate and literate population of the respective sexes. Which one of the following is closest to the actual data?

(A)

Illiterate	Illiterate
Literate	Literate
Male	Female

(B)

Illiterate	Illiterate
Literate	Literate
Male	Female

(C)

Illiterate	Illiterate
Literate	Literate
Male	Female

(D)

Illiterate	Illiterate
Literate	Literate
Male	Female

80. Consider the statement and the conclusions given below :

Statement :

All members of the Chowdhury family of Junagarh are honest. Deepika is an honest girl.

Conclusions :

(i) Deepika lives in Junagarh.

(ii) All honest persons are girls.

Choose the correct option.

(A) Only conclusion (i) follows

(B) Only conclusion (ii) follows

(C) Both conclusion (i) and conclusion (ii) follow

(D) Neither conclusion (i) nor conclusion (ii) follows

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