

Assistant Provident Fund Commissioner (APFC) Question paper 2004

Provided by Member of Pagalguy forum "CSL180"
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GENERAL ABILITY TEST

Time Allowed : Two Hours

Maximum Marks : 100

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. ENCODE CLEARLY THE TEST BOOKLET SERIES **A, B, C** OR **D** AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.
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 **120** items (questions) in two parts : **Part A**—English and **Part B**—General Studies. *Each item in Part B is printed both in Hindi and English.* Each item comprises several 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 directions in the Answer Sheet.
6. All items carry equal marks. Attempt *ALL* items. Your total marks will depend *only* on the number of *correct* responses marked by you in the Answer Sheet.
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 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 and the examination has concluded, you should hand over to the Invigilator *only the Answer Sheet*. You are permitted to take away with you the Test Booklet and rough sheets issued to you.

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ध्यान दें : अनुदेशों का हिन्दी रूपान्तर इस पुस्तिका के पिछले पृष्ठ पर छपा है।

PART—A

ORDERING OF SENTENCES

Directions (For the following 5 items) :

In the following items each passage consists of six sentences. The first sentence (S_1) and the sixth sentence (S_6) are given in the beginning. The middle four sentences in each have been removed and jumbled up. These are labelled P, Q, R and S. You are required to find out the proper sequence of the four sentences and mark accordingly on the Answer Sheet.

Example 'X' has been solved for you.

- X. S_1 : There was a boy named Jack.
 S_6 : At last she turned him out of the house.
 P : So the mother asked him to find work.
 Q : They were very poor.
 R : He lived with his mother.
 S : But Jack refused to work.

The correct sequence should be :

- (a) R - Q - P - S
 (b) P - Q - R - S
 (c) Q - P - R - S
 (d) R - P - S - Q

Explanation :

The correct sequence in this example is R - Q - P - S which is marked by (a). Therefore, (a) is the correct answer.

1. S_1 : We Indians by nature are extremely emotional.
 S_6 : What must be appreciated is that none of the members of the Indian team has reacted to this mind game utterance of Hayden.
 P : Had the political parties in India not been busy in fighting among themselves, they would have asked the Central Government to refuse visa to Hayden.
 Q : Statisticians are working overtime to prove how our players have not been selfish.
 R : Suddenly Hayden has become a villain.
 S : Without realizing Hayden's intent in calling sub-continent players selfish, we have reacted angrily.

The correct sequence should be :

- (a) S - P - R - Q
 (b) R - Q - S - P
 (c) S - Q - R - P
 (d) R - P - S - Q

2. S₁ : In the roll call of human history, the sleepy capital town of Madhya Pradesh is indelibly linked with one of the world's worst man-made catastrophes.

S₆ : Industries across the globe became less complacent and began tightening their safety protocols.

P : More than 2,000 died instantly.

Q : On the night of December 3, 1984, a poisonous grey cloud spread out from the Union Carbide Plant in Bhopal, suffocating more than three lakhs of its unsuspecting residents.

R : The disaster shook the world, especially when hindsight revealed that almost all safety regulations had been flouted by the plant.

S : The rest were doomed to wheeze, hobble and gasp their way through life, their organs "eaten up" by the deadly combination of gases that leaked out of the plant.

The correct sequence should be :

(a) Q - R - S - P

(b) S - P - Q - R

(c) Q - P - S - R

(d) S - R - Q - P

3. S₁ : From an importer of milk powder to the world's largest milk producer.

S₆ : And to think that it began as a simple experiment in a village in Gujarat only in the 1960s.

P : Operation Flood is arguably India's biggest and most successful revolution since the Quit India Movement.

Q : India's Operation Flood has come a long way from the days when even baby food was imported to producing 84 million tonnes a year.

R : From abject desperation to becoming a global player in the dairy sector.

S : From a mere few villagers and a 275-litre processing plant to an operation spread across 23 States, 170 Districts and 90,000 Village Cooperatives.

The correct sequence should be :

(a) P - S - Q - R

(b) R - Q - S - P

(c) P - Q - S - R

(d) R - S - Q - P

4. S₁ : One of the ironies of the Indian economy's consistent under-performance is that it has been planned.

S₆ : As planning prospered, regional imbalances widened and competitiveness and free enterprise were crushed—defeating the fundamental purpose of planned development.

P : It is another matter that in each of the nine Five-Year Plans, barring the first, more targets were missed than met.

Q : Within two months of India becoming a Republic, the Planning Commission was set up to prepare a blueprint for India's future, roughly once in five years.

R : Yet the process of planning didn't change and excuses were found : wars and droughts in the 1960s, war and oil shocks in the '70s.

S : Elaborate models were developed, backed by immaculate calculations, on the investments and policies required to achieve the targets.

The correct sequence should be :

- (a) Q - S - P - R
- (b) P - R - Q - S
- (c) Q - R - P - S
- (d) P - S - Q - R

5. S₁ : In neighbouring Tamil Nadu, Kodaikanal has fallen on bad times.

S₆ : It is still a source of water—albeit unpotable—for the thirsty Kodai.

P : Trouble started when the focus was shifted from Ooty to Kodai in the mid 80s.

Q : The once pristine surroundings have been destroyed by construction that paid scant respect to the ecological sensitivity of the area.

R : Commercial forces took over the hill station and large-scale building activities commenced around the artificial lake created in the 1800s.

S : There is large-scale deforestation as well.

The correct sequence should be :

- (a) P - S - Q - R
- (b) Q - R - P - S
- (c) Q - S - P - R
- (d) P - R - Q - S

ORDERING OF WORDS IN A SENTENCE

Directions (For the following 5 items) :

In the following items some parts of the sentence have been jumbled up. You are required to re-arrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence and mark in your Answer Sheet accordingly.

Example 'Z' has been solved for you.

Z. It is well-known that the effect (P) is very bad (Q) on children (R) of cinema (S)

The correct sequence should be :

- (a) P - S - R - Q
- (b) S - P - Q - R
- (c) S - R - P - Q
- (d) Q - S - R - P

Explanation :

The proper way of writing the sentence is "It is well-known that the effect of cinema on children is very bad." This is indicated by the sequence P - S - R - Q and so (a) is the correct answer.

6. War minus shooting but there was nothing to suggest any (P)
was how cricket between India and Pakistan (Q)
increase of animosity between the players or the spectators (R)
was visualized before the first ball was bowled, (S)

The correct sequence should be :

- (a) P - R - Q - S
- (b) Q - S - P - R
- (c) P - S - Q - R
- (d) Q - R - P - S

7. In 1997, NASA fact-finding mission on microgravity
(P)
by becoming the first Indian woman to rocket into space on a
(Q)
to reach out for the stars, created history
(R)
Kalpana Chawla, a Karnal girl who wanted
(S)

The correct sequence should be :

- (a) S - R - Q - P
(b) P - Q - R - S
(c) S - Q - R - P
(d) P - R - Q - S
8. That so suggests that there are certain cultural resources,
(P)
many Indians excel as expatriates
(Q)
that enable them to succeed while living away from home
(R)
perhaps unique to Indians,
(S)

The correct sequence should be :

- (a) S - P - Q - R
(b) Q - R - S - P
(c) S - R - Q - P
(d) Q - P - S - R

9. The advent we entertained and informed ourselves (P)
of satellite television was a silent (Q) and completely changed the way (R)
revolution which created a whole new industry (S)

The correct sequence should be :

- (a) Q - R - S - P
- (b) P - S - R - Q
- (c) Q - S - R - P
- (d) P - R - S - Q

10. The President the aspirations of the Scheduled Castes and the Scheduled Tribes (P)
with political parties, industry and other bodies (Q)
revealed that the Government would initiate a dialogue (R)
on how best the private sector could fulfil (S)

The correct sequence should be :

- (a) S - P - R - Q
- (b) R - Q - S - P
- (c) S - Q - R - P
- (d) R - P - S - Q

COMPREHENSION

Directions (For the following 5 items) :

The passage given below is followed by questions based on its content. After reading the passage, choose the best answer to each question. Answer all the **five** questions following the passage on the basis of what is stated or implied in the passage.

Passage

Ocean water plays an indispensable role in supporting life. The great ocean basins hold about 300 million cubic miles of water. From this vast amount, about 80,000 cubic miles of water are sucked into the atmosphere each year by evaporation and returned by precipitation and drainage to the ocean. More than 24,000 cubic miles of rain descend annually upon the continents. This vast amount is required to replenish the lakes and streams, springs and water tables on which all flora and fauna are dependent. Thus, the hydrosphere permits organic existence.

The hydrosphere has strange characteristics because water has properties unlike those of any other liquid. One anomaly is that water upon freezing expands by about 9 percent, whereas most other liquids contract on cooling. For this reason, ice floats on water bodies instead of sinking to the bottom. If the ice sank, the hydrosphere would soon be frozen solidly, except for a thin layer of surface melt water during the summer season. Thus, all aquatic life would be destroyed and the interchange of warm and cold currents, which moderates climates, would be notably absent.

Another outstanding characteristic of water is that water has a heat capacity which is highest of all liquids and solids except ammonia. This characteristic enables the oceans to absorb and store vast quantities of heat, thereby often preventing climatic extremes. In addition, water dissolves more substances than any other liquid. It is this characteristic which helps make oceans a great storehouse for minerals which have been washed down from the continents. In several areas of the world these minerals are being commercially exploited. Solar evaporation of salt is widely practised, potash is extracted from the Dead Sea, and magnesium is produced from sea water along the American Gulf Coast.

11. Which one of the following is correct?

According to the passage, the hydrosphere is **not**

- (a) responsible for all forms of life
- (b) able to modify weather
- (c) a source of natural resources
- (d) in danger of freezing over

12. What is the reason that fish can survive in the oceans?

- (a) They do not need oxygen
- (b) Ice floats on the surface of the oceans
- (c) Evaporation and condensation create a water cycle
- (d) There are currents in the oceans

13. What is the author's main purpose in the passage given above?

- (a) To describe the properties and uses of water
- (b) To illustrate the importance of conserving water
- (c) To explain how water is used in commerce and industry
- (d) To reveal the extent of the earth's ocean masses

14. What is the reason that climatic extremes are prevented in nature?

- (a) A vast quantity of water is held in the great ocean basins
- (b) The heat capacity of water is very high
- (c) Solar evaporation from the oceans uses high technology
- (d) Water dissolves many substances

15. Which of the following characteristics of water does the author mention in the passage?

- 1. Water expands when it is frozen
- 2. Water is used as a condensing medium for thermal power plants
- 3. Water is a good solvent

Select the correct answer using the codes given below :

Codes :

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

ANTONYMS

Directions (For the following **5** items) :

Each of the following **five** items consists of a word in capital letters, followed by four words or groups of words. Select the word or group of words that is most nearly **opposite** in meaning to the word in capital letters.

16. OUTLANDISH

- (a) Stubborn
- (b) Conventional
- (c) Agitated
- (d) Fearful

17. SCANTY

- (a) Arrogant
- (b) Plentiful
- (c) Painful
- (d) Handsome

18. PROPENSITY

- (a) Disinclination
- (b) Forecast
- (c) Stagnation
- (d) Restlessness

19. RECTITUDE

- (a) Self-condemnation
- (b) Deceitfulness
- (c) Reprisal
- (d) Punctuality

20. PONTIFICATE

- (a) To pilfer
- (b) To leave one's country
- (c) To speak in a humble manner
- (d) To spend recklessly

SYNONYMS

Directions (For the following 5 items) :

Each of the following **five** items consists of a word in capital letters, followed by four words or groups of words. Select the word or group of words that is most **similar** in meaning to the word in capital letters.

21. COMMISERATION

- (a) Commission
- (b) Vastness
- (c) Sympathy
- (d) Commendation

22. SLIPSHOD

- (a) Vulgar
- (b) Careless
- (c) Commonplace
- (d) Retaliatory

23. COGENT

- (a) Forceful
- (b) Objectionable
- (c) Exceptional
- (d) False

24. PONDEROUS

- (a) Facile
- (b) Exorbitant
- (c) Cautious
- (d) Unwieldy

25. MASQUERADE

- (a) To provide support
- (b) To go in disguise
- (c) To mesmerize
- (d) To run in a marathon race

PART—B

26. Match List-I (*Commission/Committee*) with List-II (*Chairman*) and select the correct answer using the codes given below the Lists :

<i>List-I</i> (<i>Commission/Committee</i>)	<i>List-II</i> (<i>Chairman</i>)
A. Economic Reforms Commission	1. R. S. Sarkaria
B. Commission on Centre-State Relations	2. K. Hanumanthaiya
C. Administrative Reforms Commission	3. L. K. Jha
D. Committee on the Prevention of Corruption	4. K. Santhanam
	5. D. S. Kothari

Codes :

(a)	A	B	C	D
	3	4	2	1
(b)	A	B	C	D
	2	1	5	4
(c)	A	B	C	D
	3	1	2	4
(d)	A	B	C	D
	2	4	5	1

27. Consider the following statements :

- The first report of the Administrative Reforms Commission recommended the creation of Lok Pal and Lok Ayukta in India.

- Different articles under the Constitution of India provide for setting up the Union Public Service Commission, the Planning Commission and the Vigilance Commission.

Which of the statements given above is/are correct?

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

28. Consider the following statements :

- Money Bill can be introduced in any House of Parliament.
- If any question arises whether a bill is a Money Bill or not, the decision of the Chairman of the Public Accounts Committee is final.
- Vote of Credit enables a grant to be approved by the Parliament in advance of the detailed examination of various demands presented to it.

Which of the statements given above is/are correct?

- 1 and 2
- 2 and 3
- 1 and 3
- None

29. Consider the following statements related to the Indian parliamentary system :

1. If forty or more members support an Adjournment Motion, only then the related matter can be taken up for discussion.
2. Under an Adjournment Motion, even a *sub judice* matter can be taken up for discussion.
3. Under Article 112 of the Constitution of India, the Union Finance Minister causes to be laid before both the Houses of Parliament and 'Annual Financial Statement' for each financial year.

Which of the statements given above is/are correct?

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

30. Match List-I (*Institute*) with List-II (*Location*) and select the correct answer using the codes given below the Lists :

<i>List-I</i> (<i>Institute</i>)	<i>List-II</i> (<i>Location</i>)
A. Indian Institute of Public Administration	1. Faridabad
B. V. V. Giri National Labour Institute	2. Bangalore
C. National Institute of Financial Management	3. NOIDA
D. National Law School of India University	4. Mumbai
	5. Delhi

Codes :

(a) A B C D
1 2 4 3

(b) A B C D
5 3 1 2

(c) A B C D
1 3 4 2

(d) A B C D
5 2 1 3

31. Where is the Holy Shrine of Imam Ali in Najaf located?

- (a) Saudi Arabia
- (b) Iraq
- (c) Iran
- (d) Kuwait

32. Why was the region of Darfur of Sudan in news recently?

- (a) Americans bombed the terrorist training camps set up over there by the Janaweed militiamen of Sudan
- (b) Thousands of black African civilians were killed or displaced by the Janaweeds who are supported by the Arab-dominated Sudan's Government
- (c) Bird flu started from there
- (d) A dam over the river Blue Nile was swept away killing thousands of people

33. Which country among the following is the biggest producer of cotton?
- (a) China
 - (b) India
 - (c) Indonesia
 - (d) United States of America
34. Which one of the following is a super-cooled liquid?
- (a) Ice-cream
 - (b) Teflon
 - (c) Glass
 - (d) Mercury
35. Why does bleeding occur through nose in high mountainous regions?
- (a) The pressure of blood in capillaries is greater than the outside pressure
 - (b) The pressure at high altitudes is greater than that on the plains
 - (c) The blood pressure of a person increases at high altitudes
 - (d) The blood pressure fluctuates and finally decreases drastically
36. Which of the following is detected and estimated by the 'Pollution Check' carried out on motor cars at service stations?
- (a) Lead and carbon particles
 - (b) Oxides of nitrogen and sulphur
 - (c) Carbon monoxide
 - (d) Carbon dioxide
37. Which one of the following causes small air bubbles in water which is stored in a glass vessel, to appear to shine with a silvery luster?
- (a) Reflection of light rays
 - (b) Refraction of light rays
 - (c) Polarization of light rays
 - (d) Total internal reflection
38. Weight of a body on the surface of the earth is W_1 . The weight of the same body is W_2 at a height of 500 metres above the surface, and W_3 at a depth of 500 metres below the surface of the earth. Which one of the following is the correct relation?
- (a) $W_3 > W_1 > W_2$
 - (b) $W_1 > W_2$; $W_1 > W_3$
 - (c) $W_1 < W_2 < W_3$
 - (d) $W_2 > W_3 > W_1$

39. Which one of the following is **not** a vitamin?
- (a) Folic acid
 - (b) Oleic acid
 - (c) Pantothenic acid
 - (d) Ascorbic acid
40. Which one of the following statements is **not** correct?
- (a) The deficiency of Vitamin A causes night blindness
 - (b) Pain in the muscles and joints along with fatigue, loss of weight and poor wound healing are the symptoms of the deficiency of Vitamin C
 - (c) Bleeding gums and loosening of teeth are symptoms of the deficiency of Vitamin B₁
 - (d) The deficiency of Vitamin B₅ can cause inflammation of skin, memory disorder and diarrhea
41. Which one of the following elements is **not** naturally found in human beings?
- (a) Copper
 - (b) Zinc
 - (c) Iodine
 - (d) Lead
42. What is the number of triangles that can be formed whose vertices are at the vertices of an octagon but have only one side common with that of the octagon?
- (a) 16
 - (b) 24
 - (c) 32
 - (d) 48
43. A letter is taken out at random from the word 'ASSAM' and a letter is taken out at random from the word 'NAGALAND'. What is the probability that the two letters are the same?
- (a) $\frac{1}{20}$
 - (b) $\frac{3}{20}$
 - (c) $\frac{1}{40}$
 - (d) $\frac{31}{40}$
44. A set of 5 parallel lines is intersected by another set of 4 parallel lines so as to form a number of parallelograms. How many parallelograms can be formed?
- (a) 12
 - (b) 20
 - (c) 40
 - (d) 60

45. Three dice are rolled. What is the probability that at least one die will show 6?

(a) $\frac{1}{6}$

(b) $\frac{1}{36}$

(c) $\frac{91}{216}$

(d) $\frac{125}{216}$

46. How many numbers are there between 999 and 10000 such that at least one of their digits is 5?

(a) 2879

(b) 3168

(c) 3200

(d) 3224

47. Match List-I (*Wildlife Sanctuary*) with List-II (*State*) and select the correct answer using the codes given below the Lists :

List-I
(Wildlife
Sanctuary)

List-II
(State)

- | | |
|-----------------|-------------------|
| A. Bhitarkanika | 1. Andhra Pradesh |
| B. Pachmarhi | 2. Karnataka |
| C. Pocharam | 3. Madhya Pradesh |
| D. Sharavathi | 4. Orissa |
| | 5. Uttar Pradesh |

Codes :

(a) A B C D
4 2 1 3

(b) A B C D
1 3 5 2

(c) A B C D
4 3 1 2

(d) A B C D
1 2 5 3

48. What was the total expenditure on education both by the Central and State Governments during the year 2002-03 as an approximate percentage of the Gross Domestic Product?

(a) 2%

(b) 3%

(c) 4%

(d) 5%

49. Consider the following statements with reference to the United Nations Organisation :

1. In the General Assembly of the UNO, no member-nation has veto power.
2. In the Security Council, all permanent members must vote in the affirmative if a resolution is to pass.

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

50. Consider the following statements with reference to the Census 2001 of India :

1. For the first time, the country has witnessed a faster growth in female literacy compared to that of males during the decade 1991–2001.
2. During the decade 1991–2001, the rural-urban literacy gap continued to diverge.

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

51. Four different toys are to be distributed among two children such that each child gets at least one toy. In how many different ways can this be done?

- (a) 6
- (b) 8
- (c) 12
- (d) 14

52. Consider the following statements related to the World War II :

1. Germany attacked the US naval base at Pearl Harbour.
2. Winston Churchill was the British Prime Minister during the World War II.

3. The Versailles Treaty which is generally cited as one of the main causes of the World War II was signed just before the World War II in 1939.

4. Franklin Roosevelt was the President of the United States of America when atom bombs were dropped over the Japanese cities of Hiroshima and Nagasaki.

Which of the statements given above is/are correct?

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

53. Match List-I (*Railway Zone*) with List-II (*Headquarters*) and select the correct answer using the codes given below the Lists :

<i>List-I</i> (<i>Railway Zone</i>)	<i>List-II</i> (<i>Headquarters</i>)
A. East-Central Railway	1. Hubli
B. North-Western Railway	2. Allahabad
C. North-Central Railway	3. Hajipur
D. South-Western Railway	4. Jabalpur
	5. Jaipur

Codes :

- (a) A B C D
3 5 2 1
- (b) A B C D
2 1 4 5
- (c) A B C D
3 1 2 5
- (d) A B C D
2 5 4 1

54. Match List-I (*Produce*) with List-II (*Major Producer State*) and select the correct answer using the codes given below the Lists :

<i>List-I</i> (<i>Produce</i>)	<i>List-II</i> (<i>Major Producer State</i>)
A. Rubber	1. Andhra Pradesh
B. Soyabean	2. Tamil Nadu
C. Groundnut	3. Madhya Pradesh
D. Wheat	4. Kerala
	5. Uttar Pradesh

Codes :

- (a) A B C D
4 1 2 5
- (b) A B C D
5 3 1 4
- (c) A B C D
4 3 1 5
- (d) A B C D
5 1 2 4

Directions :

The following **seven (7)** items consist of two statements : one labelled as the 'Assertion (A)' and the other as 'Reason (R)'. You are to examine these two statements carefully and select the answers to these items using the codes given below :

Codes :

- (a) Both A and R are individually true and R is the correct explanation of A
- (b) Both A and R are individually true but R is **not** the correct explanation of A

(c) A is true but R is false

(d) A is false but R is true

55. Assertion (A) :

Recently, the four public sector general insurance companies have launched a community-based 'Universal Health Insurance Scheme'.

Reason (R) :

According to the Constitution of India, the task of promoting public health primarily rests with the Union Government.

56. Assertion (A) :

In its Global Development Finance Report 2004, the World Bank has categorised India as a less indebted country for the year 2002.

Reason (R) :

During the last decade, India's outstanding external debt has considerably reduced.

57. Assertion (A) :

The salinity of the open seas is very high compared to that of inland seas.

Reason (R) :

The water of rivers flowing into open seas contains dissolved salts.

58. Assertion (A) :

During the British rule, the Congress Ministers resigned in 1939 in all the provinces where they were in office.

Reason (R) :

Congress wanted fresh elections as it was frustrated with Jinnah's campaign of two-nation theory.

59. Assertion (A) :

Aurangzeb released Shahu from the prison shortly before Aurangzeb died in 1707.

Reason (R) :

Zulfiqar pointed out that Shahu's return to his Kingdom would cause a division among the Marathas who would thus be disabled from plundering the imperial territories.

60. Assertion (A) :

Glycerol is a constituent of shaving cream.

Reason (R) :

Glycerol is an antiseptic.

61. Assertion (A) :

Phenol is commonly used as a disinfectant.

Reason (R) :

Phenol is not harmful to living human tissues even at a very high concentration.

62. Which one of the following is the correct chronological sequence of the given Bhakti Saints?

(a) Guru Nanak—Tulsidas—Ramdas—Tukaram

(b) Tulsidas—Guru Nanak—Tukaram—Ramdas

(c) Guru Nanak—Tulsidas—Tukaram—Ramdas

(d) Tulsidas—Guru Nanak—Ramdas—Tukaram

63. Match List-I (*Persons*) with List-II (*Writings*) and select the correct answer using the codes given below the Lists :

List-I
(Persons)

List-II
(Writings)

- | | |
|---------------|----------------------------|
| A. Asvaghosha | 1. <i>Buddha Charita</i> |
| B. Nagarjuna | 2. <i>Madhyamika Sutra</i> |
| C. Patanjali | 3. <i>Vedanta Sangraha</i> |
| D. Ramanuja | 4. <i>Yogasutra</i> |

Codes :

(a) A B C D
4 3 1 2

(b) A B C D
1 2 4 3

(c) A B C D
4 2 1 3

(d) A B C D
1 3 4 2

64. Match List-I (*Indian Kings*) with List-II (*Dynasty*) and select the correct answer using the codes given below the Lists :

List-I
(*Indian Kings*)

List-II
(*Dynasty*)

- | | |
|-----------------|------------------|
| A. Karikala | 1. Bactria-Greek |
| B. Rudradaman I | 2. Chola |
| C. Milinda | 3. Chalukya |
| D. Kanishka | 4. Kushan |
| | 5. Shaka |

Codes :

- (a) A B C D
2 4 1 5
- (b) A B C D
1 5 3 4
- (c) A B C D
2 5 1 4
- (d) A B C D
1 4 3 5

65. Consider the following statements :

India had Plan Holiday during 1966-69 due to

1. Indo-Pakistan conflict in 1965.
2. severe drought for two successive years.

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

66. Consider the following statements :

1. Dadra and Nagar Haveli which merged with the Indian Union in 1961 were ruled by the Portuguese.
2. Both Pondicherry and Chandernagore were ruled by the French.
3. Goa got its freedom in 1961.

Which of the statements given above is/are correct?

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

67. Consider the following statements :

1. The average population density of India is between 600-700 persons per square kilometre.
2. 2002-2007 is the duration of the Tenth Five-Year Plan.
3. Installed electricity generation capacity in India is in excess of 2 lakh Megawatt.

Which of the statements given above is/are correct?

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

68. Consider the following statements :

1. The Chief Minister of Delhi is appointed by the President of India.
2. The Delhi Police and Municipal Corporation of Delhi do not come under the administrative purview of the Delhi Government.

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

69. Consider the following statements :

1. The Legislative Assembly of a State cannot have more than 450 and not less than 50 members chosen by direct election from territorial constituencies.
2. The number of members of Legislative Council of a State cannot exceed one-third of the total membership of the Legislative Assembly of that State subject to a minimum of 40.

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

70. Consider the following statements :

1. In India, intensity of cropping is high in the States of the peninsular plateau.
2. In India, the States of Punjab and Haryana have the highest proportion of the net sown area to total geographical area.
3. South-west Monsoon season is termed as the Kharif season of crops.

Which of the statements given above are correct?

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

71. Match List-I (*Country*) with List-II (*Location*) and select the correct answer using the codes given below the Lists :

<i>List-I</i> (<i>Country</i>)	<i>List-II</i> (<i>Location</i>)
A. Bahamas	1. Europe
B. Belize	2. North America
C. Macedonia	3. North Atlantic Ocean
D. Gabon	4. Africa
	5. South America

Codes :

- | | | | | |
|-----|---|---|---|---|
| (a) | A | B | C | D |
| | 3 | 4 | 1 | 2 |
| (b) | A | B | C | D |
| | 1 | 2 | 5 | 4 |
| (c) | A | B | C | D |
| | 3 | 2 | 1 | 4 |
| (d) | A | B | C | D |
| | 1 | 4 | 5 | 2 |

72. Going from the West of the United States of America to its East, which one of the following is the correct sequence of the given major American cities?

- (a) Houston—Los Angeles—San Francisco—New York
- (b) San Francisco—New York—Houston—Los Angeles
- (c) Houston—New York—San Francisco—Los Angeles
- (d) San Francisco—Los Angeles—Houston—New York

73. Consider the following statements :

1. Uttar Pradesh and Bihar are two States with maximum population of the Scheduled Castes.
2. Punjab has the highest ratio of the Scheduled Caste population to its total population.
3. There was a provision for setting up a National Commission for the Scheduled Castes and the Scheduled Tribes under the Article 338 of the Constitution of India. However by a Constitutional Amendment Act, separate National Commission for the Scheduled Castes and National Commission for the Scheduled Tribes have been set up.

Which of the statements given above is/are correct?

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

74. Match List-I (*Beach Resort*) with List-II (*State*) and select the correct answer using the codes given below the Lists :

<i>List-I</i> (<i>Beach Resort</i>)	<i>List-II</i> (<i>State</i>)
--	------------------------------------

- | | |
|------------------|----------------|
| A. Digha | 1. Kerala |
| B. Covelong | 2. West Bengal |
| C. Cherai | 3. Maharashtra |
| D. Murud-Janjira | 4. Tamil Nadu |

Codes :

- (a) A B C D
2 4 1 3
- (b) A B C D
3 1 4 2
- (c) A B C D
2 1 4 3
- (d) A B C D
3 4 1 2

75. Where are the maximum numbers of major ports located in India?

- (a) Maharashtra
- (b) Kerala
- (c) Goa
- (d) Tamil Nadu

76. Match List-I (*Historical Site*) with List-II (*State*) and select the correct answer using the codes given below the Lists :

List-I
(*Historical Site*)

List-II
(*State*)

- | | |
|--|----------------------|
| A. Shore temple | 1. Karnataka |
| B. Bhimbetka | 2. Tamil Nadu |
| C. Kesava temple
(Hoysala
Monuments) | 3. Kerala |
| D. Hampi | 4. Madhya
Pradesh |
| | 5. Rajasthan |

Codes :

- (a) A B C D
3 5 2 1
- (b) A B C D
2 4 1 1
- (c) A B C D
3 4 2 2
- (d) A B C D
2 5 1 4

77. During the World War II, Indian soldiers fought heroically in the Battle at Monte Cassino. Where is Monte Cassino located?

- (a) Poland
- (b) Italy
- (c) Germany
- (d) Greece

78. A stadium has 10 gates. In how many different ways can 3 persons enter the stadium?

- (a) 10
- (b) 30
- (c) 3^{10}
- (d) 1000

79. At the conclusion of a party, a total number of 28 handshakes was exchanged. Every person in the party shook hands with every other person who attended the party. What was the total number of persons who attended the party?

- (a) 8
- (b) 14
- (c) 28
- (d) 56

80. Amit has 7 friends whom he wishes to invite to a dinner. Out of his 7 friends, 1 or more may accept the invitation. In how many different ways can Amit's 7 friends attend the party?

- (a) 96
- (b) 112
- (c) 127
- (d) 128

81. There are three envelopes with three different addresses written on them. Three letters are to be enclosed in these three envelopes such that one letter goes inside one envelope without seeing the address written on any envelope. What is the probability that each of the three letters goes into the envelope with correct address written on it?

- (a) $\frac{1}{27}$
- (b) $\frac{1}{6}$
- (c) $\frac{1}{9}$
- (d) $\frac{1}{3}$

82. A person and his wife appear in the interview for the two vacancies of a post. The probability of the selection of the husband and that of the wife are $\frac{1}{7}$ and $\frac{1}{5}$, respectively. What is the probability that only one of them will be selected?

- (a) $\frac{1}{7}$ (b) $\frac{1}{5}$
- (c) $\frac{2}{7}$ (d) $\frac{11}{35}$

83. What is the n th term of the series $\sqrt{3}, \sqrt{6}, 2\sqrt{3}, \dots$?

- (a) $\sqrt{3}(\sqrt{2})^{n-1}$
- (b) $\sqrt{2}(\sqrt{3})^{n-1}$
- (c) $\sqrt{3}(\sqrt{2})^n$
- (d) $\sqrt{2}(\sqrt{3})^n$

84. The length of a rectangle is reduced by 20% and breadth is kept constant, and the new figure that is formed is a square.

Consider the following statements :

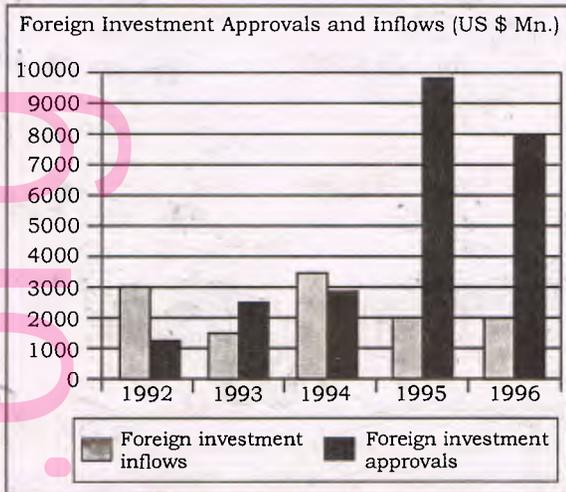
1. The area of square is 25% less than the area of rectangle.
2. The perimeter of square is approximately 11% less than the perimeter of rectangle.
3. The diagonal of square is approximately 12% less than the diagonal of rectangle.

Which of the statements given above is/are correct?

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

Directions (For the next **four** items) :

Refer to the graphs given below and answer the items that follow :



85. What is the contribution of EU in the foreign investment inflows for the year 1996 in US \$ Mn.?

- (a) 1840
- (b) 2000
- (c) 460
- (d) Cannot be determined with the given data

86. What are the foreign investment approvals from SAARC, ASEAN and EU combined together in the year 1996 (in US \$ Mn.)?

- (a) 2240
- (b) 5000
- (c) 3500
- (d) 2600

87. If the net foreign investment inflows for the year 1997 were to grow by 20% and if the proportion of inflows was to remain the same as in case of the approvals for the year 1996, what would be the foreign investment inflows from NAFTA (in US \$ Mn.)?

- (a) 800
- (b) 500
- (c) 840
- (d) 920

88. In which year is the ratio of foreign investment approvals to foreign investment inflows highest?

- (a) 1992
- (b) 1993
- (c) 1994
- (d) 1995

89. Which one of the following is **not** a tributary of the river Godavari?

- (a) Koyna
- (b) Manjra
- (c) Pranhita
- (d) Wardha

90. Which one of the following is **not** a correct statement?

- (a) The height of the Western half of the Himalayas is greater than that of the Eastern half
- (b) The Himalayas are young fold mountains
- (c) The Shivalik ranges are made of unconsolidated river deposits
- (d) The Himalayas are wide in Kashmir and become narrow towards the East

91. Which one of the following is the correct statement?

- (a) Spring tides occur on the full moon day
- (b) Neap tides occur on the new moon day only
- (c) The West coast of India experiences tides four times a day
- (d) Tides do not occur in the gulfs

92. Which one of the following pairs is **not** correctly matched?

<i>City</i>	<i>River</i>
(a) Ahmedabad	: Sabarmati
(b) Hyderabad	: Musi
(c) Lucknow	: Gomti
(d) Surat	: Narmada

93. Match List-I (*Famous Place*) with List-II (*Country*) and select the correct answer using the codes given below the Lists :

<i>List-I</i> (<i>Famous Place</i>)	<i>List-II</i> (<i>Country</i>)
A. Alexandria	1. Turkey
B. Blackpool Pleasure Beach	2. Great Britain
C. Constantinople	3. Italy
D. Florence	4. Greece
	5. Egypt

Codes :

- (a) A B C D
1 3 4 2
- (b) A B C D
5 2 1 3
- (c) A B C D
1 2 4 3
- (d) A B C D
5 3 1 2

94. Match List-I (*Institute*) with List-II (*City*) and select the correct answer using the codes given below the Lists :

<i>List-I</i> (<i>Institute</i>)	<i>List-II</i> (<i>City</i>)
A. Rashtriya Sanskrit Vidyapeeth	1. Hyderabad
B. Maharishi Sandipani Rashtriya Veda Vidya Prathishthan	2. Varanasi
C. Central Institute of Indian Languages	3. Mysore
D. Central Institute of English and Foreign Languages	4. Tirupati
	5. Ujjain

Codes :

- (a) A B C D
2 3 1 5
- (b) A B C D
4 5 3 1
- (c) A B C D
2 5 3 1
- (d) A B C D
4 3 1 5

95. Consider the following statements :

1. Kaziranga National Park is a World Heritage Site recognized by the UNESCO.
2. Kaziranga National Park is a home to sloth bear and hoolock gibbon.

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

96. Who among the following are the Bharat Ratna recipients?

1. Amartya Sen
2. Gulzari Lal Nanda
3. M. S. Swaminathan
4. Satyajit Ray

Select the correct answer using the codes given below :

Codes :

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

97. Consider the following statements :

1. The members of the Employees' Provident Fund and exempted Provident Funds are eligible for the Employees' Deposit-Linked Insurance Scheme.
2. Employees' Pension Scheme, 1995 was introduced for the industrial workers.
3. Coverage under the Employees' Provident Fund and Miscellaneous Provisions Act is restricted to establishments employing 20 or more persons.

Which of the statements given above is/are correct?

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

98. Which one of the following statements is **not** correct?

- (a) The Special Marriage Act, 1954 extends to all the States and Union Territories of India
- (b) The Hindu Marriage Act, 1955 applies to Buddhists, Jains and Sikhs in addition to Hindus
- (c) The Hindu Succession Act, 1956 recognizes the right of women to inherit property of an intestate equally with men
- (d) Muslims, Christians and Parsis in India have no adoption laws and can take a child under the Guardians and Wards Act, 1890 only under foster care

99. Consider the following statements :

1. An amendment of the Constitution of India can be initiated by the introduction of a Bill for the purpose in Lok Sabha only.
2. A Bill providing for the formation of new States and for the alteration of boundaries or names of existing States in India can be introduced in the Parliament only on the recommendation of the President of India.
3. In India, a Bill seeking to amend the representation of States in Parliament has to be passed by a simple majority of both Houses of Parliament.

Which of the statements given above is/are correct?

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

100. Which one of the following is the correct statement?

The term of Lok Sabha can be extended by the Parliament for a period

- (a) not exceeding six months at a time during proclamation of emergency but not exceeding in any case a period of three months after the proclamation of emergency has ceased to operate
- (b) not exceeding one year at a time during proclamation of emergency but not exceeding in any case a period of six months after the proclamation of emergency has ceased to operate
- (c) not exceeding one year at a time during proclamation of emergency but not exceeding in any case a period of three months after the proclamation of emergency has ceased to operate
- (d) not exceeding six months at a time during proclamation of emergency but not exceeding in any case a period of one month after the proclamation of emergency has ceased to operate

101. Consider the following statements :

1. The Indian Parliament is not sovereign and the legislation passed by it is subject to judicial review.
2. In India, the Fundamental Rights and Directive Principles of State Policy are enforceable by the courts.

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

102. Match List-I (*Outstanding Sportspersons at the Athens Olympics*) with List-II (*Country*) and select the correct answer using the codes given below the Lists :

List-I
(*Outstanding Sportspersons at the Athens Olympics*)

List-II
(*Country*)

- | | |
|---------------------|-----------------------------|
| A. Michael Phelps | 1. Belarus |
| B. Ian Thorpe | 2. United States of America |
| C. Yulia Nesterenko | 3. Australia |
| D. Nicolas Massu | 4. Chile |
| | 5. Sweden |

Codes :

(a) A B C D
2 4 1 3

(b) A B C D
1 3 5 4

(c) A B C D
2 3 1 4

(d) A B C D
1 4 5 3

103. Who won the 100-metre race for men in the Athens Olympics in August, 2004?

- (a) Maurice Greene
- (b) Justine Gatlin
- (c) Asafa Powell
- (d) Francis Obekwelu

104. Who among the following Indian film directors/actors was honoured with the Order of the British Empire (OBE) in year 2004?

- (a) Naseeruddin Shah
- (b) Amitabh Bachchan
- (c) Shekhar Kapoor
- (d) Om Puri

105. Match List-I (*Battles*) with List-II (*Fought Between*) and select the correct answer using the codes given below the Lists :

List-I
(Battles)

List-II
(Fought
Between)

- | | |
|-----------------------|---|
| A. Battle of Chausa | 1. Babar and Rajputs |
| B. Battle of Ghagra | 2. Humayun and Sher Khan |
| C. Battle of Kanwah | 3. Babar, and Afghans of Bihar and Bengal |
| D. Battle of Talikota | 4. Vijaynagar ruler and the Deccan Sultanates |

Codes :

- (a) A B C D
2 1 3 4
- (b) A B C D
4 3 1 2
- (c) A B C D
2 3 1 4
- (d) A B C D
4 1 3 2

106. When Akbar besieged the Fort of Chitor, who among the following defended it for four months?

- (a) Uday Singh
(b) Rana Pratap
(c) Bhama Shah
(d) Jaimal

107. Which one of the following statements is **not** correct?

- (a) Lord Wellesley set up the first three Indian Universities
(b) Lord Dalhousie introduced telegraph in India

(c) Lord Ripon introduced a system of local self-government both for towns and country-side areas

(d) Lord Curzon presided over the Delhi Durbar of 1903

108. Which one of the following is the correct chronological sequence of the given dynasties of Delhi Sultanate?

- (a) Sayyids—Khaljis—Lodis—Tughlaqs
(b) Khaljis—Tughlaqs—Sayyids—Lodis
(c) Khaljis—Sayyids—Lodis—Tughlaqs
(d) Tughlaqs—Khaljis—Sayyids—Lodis

109. Consider the following statements :

According to the Mountbatten Plan

- the Union of India and Pakistan were to be granted freedom not later than June, 1948.
- the Legislative Assembly of Sindh was to decide whether it wanted to join the Constituent Assembly of India or not.
- Baluchistan was to decide whether it wanted to stay with the Indian Union or become separate.

Which of the statements given above is/are correct?

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

110. Why did Motilal Nehru and Chittaranjan Das form a separate group known as Swaraj Party within the Congress?

- (a) They were not satisfied with the progress made by the Congress in achieving Swaraj
- (b) It was their reaction to Mahatma Gandhi's sudden decision to suspend the Non-Cooperation Movement
- (c) They were interested in forming more active party with revolutionary ideas
- (d) They felt that their opinions and views were not given due importance in the Congress Sessions

111. In the year 1919, what was the reason for Mahatma Gandhi to warn the Viceroy that a countrywide Satyagraha would be launched?

- (a) He wanted the Government to withdraw the Rowlatt Act immediately
- (b) He was forcing the British rulers to be sensitive to the Khilafat Movement
- (c) He wanted the Government to abolish the Zamindari System to alleviate the miseries of peasants
- (d) He was forcing the British rulers to give at least the dominion status to India to make Home Rule possible

112. Who among the following introduced the celebration of Ganesh Chaturthi and Shivaji Festivals to bring the Indian society together and inspire patriotic feelings among the people?

- (a) Bal Gangadhar Tilak
- (b) Gopal Krishna Gokhale
- (c) Jyotirao Govindrao Phule
- (d) Mahadev Govind Ranade

113. There are four persons A, B, C and D. The total amount of money with A and B together is equal to the total amount of money with C and D together. But the total amount of money with B and D together is more than the amount of money with A and C together. The amount of money with A is more than that with B. Who has the least amount of money?

- (a) B
- (b) C
- (c) D
- (d) Cannot be determined

114. A printer uses a total number of 4893 digits in order to number all the pages of his book. He starts with the digit 1 for the first page of the book. How many pages does the book have?

- (a) 4892
- (b) 2322
- (c) 2100
- (d) 1500

Directions (For the next **two** items) :

Based on the information given below, answer the **two** items which follow it :

Five ladies *A, B, C, D, E* go to a cinema hall along with their husbands *P, Q, R, S, T* (not necessarily in that order). Seats numbered from 1 to 10 are reserved for these 5 married couples. Each of the five ladies sits on the seat immediately to the left of her husband.

- (i) The couple *E* and *S* occupy the seats at the extreme right.
- (ii) *C*, who is not sitting at the extreme left and *Q*, who is not sitting on the seat number 2, are not husband and wife.
- (iii) *B* and *R* are celebrating their wedding anniversary and hence are sitting at the centre.
- (iv) *A* and *T* are not husband and wife.
- (v) *D* is sitting on the seat number 3.

115. Who is sitting on the seat number 7?

- (a) *A*
- (b) *B*
- (c) *C*
- (d) *E*

116. If in the last condition (v), it is stated that *D* sits on the seat number 7, then who will sit on the seat number 4?

- (a) *P*
- (b) *T*
- (c) *P* or *T*
- (d) Cannot be determined

117. A 2-member committee is to be constituted out of 4 men and 2 women. What is the probability that a committee thus formed will have exactly one woman?

- (a) $\frac{1}{3}$
- (b) $\frac{1}{4}$
- (c) $\frac{7}{15}$
- (d) $\frac{8}{15}$

118. Match List-I (*Distinguished Women*) with List-II (*Known As*) and select the correct answer using the codes given below the Lists :

<i>List-I</i> (<i>Distinguished Women</i>)	<i>List-II</i> (<i>Known As</i>)
A. Maria Sharapova	1. Human rights activist
B. Aung San Suu Kyi	2. Political leader
C. Asma Jahangir	3. Singer
D. Norah Jones	4. Sports person

Codes :

- (a) A B C D
 1 2 3 4
- (b) A B C D
 4 3 2 1
- (c) A B C D
 1 3 2 4
- (d) A B C D
 4 2 1 3

119. Match List-I (Author) with List-II (Book) and select the correct answer using the codes given below the Lists :

<i>List-I</i> (Author)	<i>List-II</i> (Book)
A. Bill Clinton	1. <i>Between Hope and History</i>
B. Henry Kissinger	2. <i>Living History</i>
C. Nelson Mandela	3. <i>Diplomacy</i>
D. Hillary Clinton	4. <i>Long Walk to Freedom</i>

Codes :

(a)	A	B	C	D
	2	4	3	1
(b)	A	B	C	D
	1	3	4	2
(c)	A	B	C	D
	2	3	4	1
(d)	A	B	C	D
	1	4	3	2

120. Match List-I (Distinguished Women) with List-II (Known As/Area) and select the correct answer using the codes given below the Lists :

<i>List-I</i> (Distinguished Women)	<i>List-II</i> (Known As/Area)
A. Shanta Sinha	1. Film Direction
B. Kalpana Lajmi	2. Community Leadership
C. Romila Thapar	3. Dancer
D. Radha Reddy	4. Historian
	5. Business-woman

Codes :

(a)	A	B	C	D
	2	1	4	3
(b)	A	B	C	D
	4	3	5	1
(c)	A	B	C	D
	2	3	4	1
(d)	A	B	C	D
	4	1	5	3
