

No of Questions: 150

Time: 2 ½ Hours

## PART – I

### SYNONYMS

**Directions:** Each of item in this section consists of a sentence with an underline word/words followed by four words. Select the option that is **nearest in meaning** to the underline word/words and mark your response in your answer sheet accordingly.

**Find the most similar word in meaning.**

1. Bana in Sanskrit, Lyly in English and Prasad in Hindi are celebrated for their florid style.  
a) ornate                      b) rich  
c) refined                     d) rambling
2. Very few of our batsmen have any real consistency.  
a) constancy                 b) competence  
c) permanence             d) uniformity
3. For better health we must refrain from smoking.  
a) dissuade                  b) desist  
c) prevent                    d) curb
4. He gave an evocative rendering of his recent poems.  
a) thrilling                    b) enchanting  
c) emotional                 d) incantatory
5. Why did you make that, flippant remark?  
a) highly critical  
b) not showing deserved respect  
c) casual  
d) indifferent
6. The weavers have to do monotonous work.  
a) autonomous             b) irksome  
c) exhausting                d) repetitive
7. He is very intelligent, but ill-favored by nature.  
a) unlucky                    b) weak in health  
c) short-tempered           d) ugly
8. He is a sycophant who tries to win over politicians.  
a) a psychologist  
b) an opportunist  
c) an unscrupulous man  
d) a flatterer
9. Please do not interfere with my work.  
a) meddle                    b) help  
c) object                      d) copy
10. There was no ostensible reason for her being angry at her husband's remarks.  
a) hidden                     b) covert  
c) apparent                  d) secret

### ANTONYMS

**Directions:** Each item in this section consists of a sentence with an underlined word/words followed by four words. Select the option that is **opposite in the meaning** to the underline word/words and mark your response in answer sheet accordingly.

11. He was deeply depressed over the news.  
a) satisfied                    b) elated  
c) impressed                 d) affected
12. Ashoka was a magnanimous king.  
a) Small                        b) petty  
c) kind                         d) majestic
13. Popular fiction in a sense has enriched world literature.  
a) devalued                    b) undervalued  
c) depreciated                d) impoverished
14. The speaker was irritated with his puerile questions.  
a) impertinent                b) serious  
c) inane                        d) irrelevant
15. He wanted to inaugurate the project right on schedule.  
a) terminate                  b) inculcate  
c) facilitate                    d) ameliorate
16. I cannot see much likeness between the two boys.  
a) enmity                      b) hatred  
c) difference                  d) dislike
17. The wise say that life is meant not merely to accumulate wealth but for self-realization.

- a) amass                      b) produce  
c) scatter                    d) gather
18. Real happiness does not lie in **material possessions** alone.  
a) physical                    b) essential  
c) spiritual                   d) manual
19. A lady of few words she is given to **laconic**

answer.

- a) copious                    b) lingering  
c) terse                      d) brief
20. The minister was accused of indulging in **nepotism**  
a) imparity                   b) hatred  
c) condemnation           d) indifference

## SPOTTING ERRORS

**Direction:** each item in this section has a sentence has three underline parts labelled (a), (b) and (c). Read each sentence to find out whether there is any error in any part and indicate your response in the Answer sheet against the corresponding letter. i.e. (a) or (b) or(c) If you find no error, your response should be indicate as (d)

21. **When shall we (a)/ arrive (b)/ to our destination ?(c)/ No error (d)**  
a) When shall we            b) arrive  
c) to our destination? d) No error
22. **Based on the newspaper reports (a)/ we can conclude that (b)/ many accidents caused by reckless driving (c)/ No error (d)**  
a) Based on the newspaper reports  
b) we can conclude that  
c) many accidents caused by reckless driving  
d) No error
23. **Females (a)/ are not appointed(b)/ in our college (c)/ No error (d)**  
a) Females                    b) are not appointed  
c) in our college            d) No error
24. **The officer (a)/ is angry on the clerk (b)/ for not attending to the work (c)/ No error (d)**  
a) The officer  
b) is angry on the clerk  
c) for not attending to the work  
d) No error
25. **No sooner (a)/ I had spoken (b)than he left (c)/ No error (d)**  
a) No sooner                   b) I had spoken  
c) than he left                d) No error

## COMPREHENSION

**DIRECTIONS:** In this section you have few short passage. After each passage you will find item based on the passage. First, read a passage and answer the item based on it. You are required to select answer based on the contents of the passage and opinion of the author only.

The Printing Press has made knowledge available to the vast multitude of people-Pray what kind of knowledge is it? Is it of any permanent character? Books have become common and when we say that books like the Sexton Blake series sell like hot cakes, we have an index of the nature of knowledge which a typical person in a vast multitude seeks. Let me tell you of an incident that took place in America a few years ago. An American publisher printed a million copies of the works of Charles Dickens in the hope that he could easily sell them on the name of the author. But to his disappointment not even the widest publicity and advertisement could enable him to sell the books. Being sorely tired he hit on a plan. He tore off the cover pages substituted covers containing sensational love headings for the titles and again advertised the new books. In a week all the books were sold out. We are not concerned here with the moral of the bookseller's action. What we

have to note is that only books of a sensational type are really sought for by the ordinary folk who have a great aversion to serious study. So you will see that the grand argument that the Printing Press has made knowledge available even to the masses is certainly fallacious and quite misleading. To put it correctly it has created a taste for a low order of books.

26. **Sexton Blake series are big sellers because they**  
a) disseminate knowledge.  
b) are informative.  
c) satisfy a typically serious reader.  
d) are sensational.
27. **The American publisher had chosen the works of Charles Dickens to**  
a) give wide publicity to Dickens works.  
b) offer the readers what best he could.  
c) counter the trash.  
d) make money easily.
28. **What is the main contention of the passage?**

- a) To stress the popularity of the printing press.
- b) To point out the disappointment of serious readers.
- c) To shed light on the morale of the publishers.
- d) To bring out the evil impacts of the printing press.

**29. The author's contention makes us feel that he**

- a) is unilateral in his argument.
- b) is balanced.
- c) is a typical critic.
- d) argues convincingly.

**30. Who is Charles Dickens?**

- a) A playwright.      b) An epic poet.
- c) A short storywriter      d) A novelist.

In the technological systems of tomorrow-fast fluid and self-regulating-machines will deal with the flow of physical materials men with the flow of information and insight. Machines will increasingly perform tasks. Machines and men both instead of being concentrated in gigantic factories and factory cities will be scattered across the globe linked together by amazingly sensitive near-instantaneous communications. Human work will move out of the factory and mass office into the community and the home. Machines will be synchronized as some already are to the billionth of a second men will be desynchronized. The factory whistle will vanish. Even the clock "the key machine of the modern industrial age" as Lewis Mumford called it a generation ago will lose some of its power over humans as distinct from purely technological affairs. Simultaneously the Organisation needed to control technology shift from bureaucracy to Adhocracy from permanence to transience and from a concern with the present to a focus on the future. In such a world the most valued attributes of the industrial age become handicaps. The technology of tomorrow requires

not millions of lightly lettered men ready to work in unison at endlessly repetitive jobs it requires not men who take orders in unblinking fashion aware that the price of bread is mechanical submission to authority but men who can make critical judgments who can weave their way through novel environments who are quick to spot new relationships in the rapidly changing reality. It requires men who in C.P. Snow's compelling terms "have the future in their bones"

**31. The technological system of tomorrow will be marked by**

- a) dehumanization.      b) perfection.
- c) automation.      d) unpredictability.

**32. The future man according to this passage must be**

- a) most adaptative and intelligent.
- b) most capable of dealing with the changing reality.
- c) more concerned with the present than the future.
- d) trained and obedient.

**33. Near-instantaneous communications may be regarded as a symbol of**

- a) anachronization.      b) mischronization.
- c) desynchronization.      d) synchronization.

**34. If a person believes that the price of bread is mechanical submission to authority he is**

- a) a believer in devotion to duty
- b) a believer in taking things for granted.
- c) a believer in doing what he is told right or wrong.
- d) a believer in the honesty of machines.

**35. The type of society which the author has mentioned makes a plea for**

- a) a mind assimilative of modern scientific Ideas.
- b) a critical mind having insight into future.
- c) a mind well-versed in cultural heritage
- d) a mind with firm principles of life.

## FILL IN THE BLANK

**Direction:** Each of the following sentences in this section has a blank space and four words or group of words given after the sentences. Select the word or group of words consider most appropriate for the blank space and indicate your response on the Answer sheet accordingly.

**36. Many things have happened \_\_\_\_\_ I met you last**

- a) before                      b) when
- c) from                      d) since

**37. If \_\_\_\_\_ permits we will go put for a walk**

- a) climate                      b) whether
- c) weather                      d) whither

**38. His persuasive tone was able to tackle the boy whom other teachers had found \_\_\_\_\_**

- a) peripatetic                      b) obdurate
- c) tenacious                      d) squeamish

**39. I always fall \_\_\_\_\_ old friends in times of need**

- a) over                      b) through
- c) back on                      d) off

40. The campers \_\_\_\_\_ their tents at the base of the mountain

- a) established      b) grounded  
c) installed      d) pitched

### IDOM /PHRASE

**DIRECTIONS:** Given below are some idioms/phrase followed by four alternative meaning to each. Choose the response (a), (b), (c), or (d) which is the most appropriate expression.

41. To take with a grain of salt:

- a) To take with some reservation  
b) To take with total disbelief  
c) To take whole heartedly  
d) To take seriously

42. To bring one's eggs to a bad market:

- a) To face on humiliating situation  
b) To bring one's commodities to a market where there is no demand for them  
c) To show one's talents before audience which is incapable of appreciating them  
d) To fail in one's plans because one goes to the wrong people for help

43. To talk through one's hat:

- a) To speak fluently  
b) To talk nonsense  
c) To talk wisdom  
d) To speak at random

44. To save one's face:

- a) To hide oneself      b) To oppose  
c) To evade disgrace      d) To say plainly

45. To split hairs:

- a) To sidetrack the issue  
b) To quarrel over trifles  
c) To indulge in over-refined arguments  
d) To find faults with other

### REORDERING STATEMENT:

**Direction:** In this section each item consists of six sentences of passage. The first and sixth sentence are given in the beginning as S1 and S6. The middle four sentences in each have been jumbled up and labelled P, Q, R and S. you are required to find the proper sequence of the four sentences and mark your response accordingly the answer sheet.

46. S1: Some people prefer country life to city life.

S6: For these reasons more and more people are leaving the country to live in the city.

P: Life in the country is quieter, cleaner and less hectic.

Q: The city also offers more privacy, since neighbours are too busy to be interfering in the affairs of others.

R: However, the city offers more excitement, a wide variety of activities and a chance to meet more people.

S: Country people live longer and generally seem to be healthier and happier.

**Which one of the following is the correct sequence?**

- a) PSRQ      b) SRQP  
c) RQPS      d) QPSR

47. S1: The clerk read the statement loudly and clearly.

S6: They returned in five minutes.

P: The judge brought down the gavel sharply and roared.

Q: He told the jury to return a lawful verdict.

R: We, the jury. Find the defendant not guilty, provided he returns the mule.

S: There is not such verdict in the law, the defendant is either guilty or not guilty.

**Which one of the following is the correct sequence?**

- a) RPSQ      b) RSPQ  
c) QRPS      d) PSRQ

48. S1: One day I went into the water off the coast of Africa.

S6: I hurled at him the rubber fins.

P: I sighted a shark, at short distance from me.

Q: He launched towards me as hard and swift as a missile.

R: I was floating at a shallow depth, without making a movement.

S: Every muscle of my body tensed.

**Which one of the following is the correct sequence?**

- a) PSQR      b) SQRP  
c) RPSQ      d) PQSR

49. S1: There is no reason for the terror which the sight of a snake causes in most people.

S6: Being aggressive by nature, they can attack human beings for no reason at all, taking a fisherman or swimmer by surprise in the water, where the man is somewhat helpless.

- P:** Of the poisonous snakes, only those found in the sea are always dangerous.
- Q:** They are only too anxious to avoid human beings.
- R:** Many more people are killed, much more frequently by motor-cycles and cigarettes than by snakes.
- S:** The majority of snakes are harmless.

Which one of the following is the correct sequence?

- a) SQRP                      b) RSQP  
c) RPQS                      d) PQRS

- 50. S1:** I had not seen my father for several years.  
**S6:** His words sank deep into my heart.  
**P:** I met him late one evening in his flat.  
**Q:** I wrote him a note suggesting a very early meeting.  
**R:** He listened to my story in silence.  
**S:** When he spoke, his voice was soft but without, warmth.

Which one of the following is the correct sequence?

- a) QSRP                      b) PQRS  
c) QPRS                      d) QPSR

## PART - B

1. A solid cube of iron (specific gravity = 8) is melted into sheets. The side of the cube is 1m. The sheets are used to make a hollow cube. This cube floats such that its whole volume is inside water. What should be the minimum length of side of such a cube?

- a) 2.0 m                      b) 2.5 m  
c) 2.75 m                      d) 3.0 m

2. A vessel contains oil of density  $0.8 \text{ gm/cm}^3$  over mercury of density  $13.6 \text{ gm/cm}^3$ . A homogeneous sphere floats with half of its volume immersed in mercury and the other half in oil. The density of the material of the sphere in CGS unit is

- a) 3.3                          b) 6.4  
c) 7.2                          d) 12.8

3. Consider the following statements:  
A body weighs less at the equator than at the poles because:

1. earth rotates about its axis.
2. the ice cap at the poles increases gravitational pull.
3. equatorial diameter is greater than the polar diameter.
4. of some unknown facts.

Which of the statements given above is/are incorrect?

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

4. A bullet travelling horizontally hits a block kept at rest on a horizontal surface and gets embedded into it, the two together then move

with a uniform velocity. Which one of the following conservation laws holds?

- a) Conservation of angular momentum  
b) Conservation of kinetic energy  
c) Conservation of linear momentum  
d) Conservation of velocity

5. On planet Earth, there is no centrifugal force at the

- a) Equator  
b) Tropic of cancer  
c) Tropic of Capricorn  
d) Poles

6. If the ratio of the weight of a man in a stationary lift and when it is moving downwards with uniform acceleration 'a' is 3: 2, then the value of 'a' is

- a)  $3g/2$                           b)  $g/3$   
c)  $g$                               d)  $2g/3$

7. An object is undergoing a non-accelerated motion. Its rate of change of momentum is

- a) a non-zero constant  
b) zero  
c) not a constant  
d) None of the above

8. A force  $F$  is applied on a body (which moves on a straight line) for a duration of 3 s. The momentum of the body changes from  $10 \text{ g cm/s}$  to  $40 \text{ g cm/s}$ . The magnitude of the force  $F$  is

- a) 10 dyne                      b) 10 newton  
c) 120 dyne                      d) 12 dyne

9. Which among the following thermometers is preferred for measuring temperature around



- 125°C?
- Mercury thermometer
  - Constant volume gas thermometer
  - Optical pyrometer
  - Platinum resistance thermometer
10. For a steel boat floating on a lake, the weight of the water displaced by the boat is
- less than the weight of the boat
  - more than the weight of the boat
  - equal to the weight of the part of the boat which is below the water level of the lake
  - equal to the weight of the boat
11. The time period of a simple pendulum oscillating in a laboratory at north pole is 4s. Accounting for earth's rotation only, what will be the time period of this pendulum oscillating in a laboratory at equator?
- Less than 4s
  - More than 4s
  - Equal to 4s
  - Infinity
12. Sound moves with higher velocity if
- Pressure of the medium is decreased
  - Temperature of the medium is increased
  - humidity of the medium is increased
  - Both
13. When light waves travel from air to glass, which variables are affected?
- Wavelength, frequency and velocity
  - Velocity and frequency only
  - Wavelength and frequency only
  - Wavelength and velocity only
14. An object is placed at a distance of 12 cm from a convex lens on its principal axis and a virtual image of certain size is formed. If the object is moved further 8 cm away from the lens, a real image of the same size as that of the virtual image is formed. Which one of the following is the focal length of the lens?
- 15 cm
  - 18 cm
  - 16 cm
  - 20 cm
15. 'The stars seem to be higher on the sky than they actually are'. This can be explained by
- atmospheric refraction
  - dispersion of light
  - total internal reflection
  - diffraction of light
16. An object is placed at the focus of a concave mirror. The image will be
- real, inverted, same size at the focus
  - real, upright, same size at the focus
  - virtual, inverted, highly enlarged at infinity
  - real, inverted, highly enlarged at infinity
17. The following question 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 answer:
- Assertion (A):** A person stands at a distance of 1m in front of a concave mirror. If the radius of curvature of the mirror is 4m, the image of the person lies at a distance 2m behind the mirror.
- Reason (R):** The general mirror equation confirms the location of the image from the mirror and it could be a real image.
- Both A and R are individually true and R is the correct explanation of A
  - Both A and R are individually true but R is NOT the correct explanation of A
  - A is true but R is false
  - A is false but R is true
18. When an electric bulb breaks, what is the reason for a mild bang?
- A chemical reaction between the enclosed gases
  - Compressed gases rush out suddenly
  - The air rushes in to fill the evacuated space
  - None of the above
19. A wire has a resistance of 32 ohm's. It is melted and drawn into a wire of half of its original length. What is the resistance of the new wire?
- 32 ohm's
  - 16 ohm's
  - 8 ohm's
  - 4 ohm's
20. The effective resistance of three equal resistances, each of resistance  $r$ , connected in parallel, is
- $3/r$
  - $r/3$
  - $3r$
  - $r^3$
21. Magnets attract magnetic substances are iron, nickel, cobalt, etc. They can also repel
- paramagnetic substances
  - ferromagnetic substances
  - diamagnetic substances
  - non-magnetic substances
22. The earth's magnetic field is approximately
- 1 Tesla
  - 2 Gauss
  - $10^4$  Tesla
  - 1 Gauss

23. Repeaters used in telephone links are:

- a) Rectifiers                      b) Oscillators  
c) Amplifiers                      d) Transformers

24. If an  $\alpha$ -particle is projected normally through a uniform magnetic field, then the path of the  $\alpha$ -particle inside the field will be

- a) circular                          b) parabolic  
c) elliptical                        d) a straight line

25. One litre of an unknown gas weighs 1.25 g at STP. Which one of the following can be the formula for the gas?

- a)  $O_2$                                 b)  $CO$   
c)  $CO_2$                               d)  $SO_2$

26. Which is the rarest naturally occurring element of earth?

- a) Gold                              b) Antimony  
c) Germanium                      d) Astatine

27. Which among the following is a chemical change?

- a) A wet towel dries in the sun  
b) Lemon juice added to tea causing its colour to change  
c) Hot air rises over a radiator  
d) Coffee is brewed by passing steam through ground coffee

28. Which of the following pairs is/are correctly matched?

1. Isotopes: Atoms with same atomic number but different atomic mass
2. Isobars: Atoms with same number of neutrons but different atomic number
3. Isotones: Atoms with same mass number but different atomic number

Select the correct answer using the code given below:

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

29. Which one of the following pairs of elements is most essential for building cells in the human body.

- a) Nitrogen & Aluminium  
b) Carbon and Calcium  
c) Nitrogen & Carbon  
d) Calcium and Phosphorus

30. Which of the statements regarding carbon dioxide is /are correct?

1. It is prepared on large scale by the action of water on lime.

2. In the solid form it can be used as a refrigerant.

Select the correct answer using the code given below:

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

31. **DIRECTIONS:** The following questions 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:

**Assertion (A):** Carbon dioxide is a compound  
**Reason (R):** Carbon and Oxygen combine together in the ratio 3: 8 by mass.

- 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

32. Which among the following is an element?

- a) Alumina                          b) Brass  
c) Graphite                        d) Silica

33. Iron nails are dipped into blue copper sulphate solution. After sometime iron nails are

- a) dissolved and blue colour is discharged  
b) dissolved but blue colour is not discharged  
c) not dissolved and blue colour is not discharged  
d) not dissolved but blue colour is discharged

34. Which one among the following is a double salt?

- a)  $K_4[Fe(CN)_6]$   
b)  $K_2SO_4 \cdot Al_2(SO_4)_3 \cdot 24H_2O$   
c)  $CuSO_4 \cdot 5H_2O$   
d)  $NaCl$

35. What is the purpose of adding plasticizers in paint manufacturing process?

- a) They act as a film-forming constituent  
b) They reduce the viscosity  
c) They prevent the polymerization and condensation  
d) They provide elasticity to the film and minimize its cracking

36. Which one of the following materials is suitable

- for water purification?
- a) Silicones                      b) Zeolites  
c) Asbestos                      d) Quartz
37. The major component used in preparation of different types of glasses is
- a) Silica                      b) Sodium borate  
c) Calcium silicate                      d) Sodium silicate
38. The concentration of hydrochloric acid in a given solution is  $10^{-8}$  M. What is the value of pH for this solution?
- a) 7                      b) > 7 but not 14  
c) < 7                      d) 14
39. DIRECTIONS: "This question consists of two statements, Statement I and Statement II. You are to examine these two statements carefully and select the answer to these items using the codes given below.
- Statement I:** Metal ions are Lewis acids.  
**Statement II:** Metal ions are electron pair acceptors.
- a) Both the statements individually true and Statement II is the correct explanation of Statement I.  
b) Both the statements are individually true but Statement II is not correct explanation of Statement I.  
c) Statement I is true but Statement II is false.  
d) Statement I is false but Statement II is true.
40. Kinetic viscosity of a given liquid is the ratio of the
- a) coefficient of viscosity to the density  
b) coefficient of viscosity to the surface tension  
c) density to the coefficient of viscosity  
d) surface tension to the coefficient of viscosity
41. Which one of the following types of plants produces spores and embryo, but without seeds and vascular tissues?
- a) Gymnosperms                      b) Pteridophytes  
c) Bryophytes                      d) Angiosperms
43. Which of the following crops would be preferred for sowing in order to enrich the soil with nitrogen?
- a) Wheat                      b) Mustard  
c) Sunflower                      d) Gram
44. The main function of the inner bark of a woody plant is to
- a) transport minerals and water from the roots to the leaves  
b) act as a membrane impermeable to water and gas  
c) transport food from the leaves to the other parts of the plant  
d) protect the plant from herbivorous animals
45. In human beings, the digestion of proteins starts in which part of the alimentary canal?
- a) Mouth                      b) Stomach  
c) Doudenum                      d) Ileum
46. Which one of the following diseases is caused by bacteria and spreads through faecal matter by houseflies?
- a) Pertussis                      b) Typhoid  
c) Diphtheria                      d) Chickenpox
47. Due to accumulation of which one of the following, joggers experience pain in their leg muscles after running?
- a) Lactic acid                      b) Acetic acid  
c) Malic acid                      d) Citric acid
48. Release of which one of the following chemicals is responsible for causing fatigue after muscular activity in human beings?
- a) Glucuronic acid                      b) Uric acid  
c) Pyruvic acid                      d) Lactic acid
49. Which one of the following organs breaks down fat to produce cholesterol?
- a) Intestine                      b) Liver  
c) Lungs                      d) Kidneys
50. After entering the human body through mosquito bite, the malarial parasite (plasmodium) shows initial multiplication in
- a) Spinal chord                      b) Blood  
c) Liver                      d) Spleen
51. Consider the following statements regarding osmosis in animal cells:
1. If the water potential of the solution Surrounding the cell is too high, the cell shrinks.
  2. If the water potential of the solution surrounding the cell is too low, the cell swells and bursts.
  3. It is important to maintain a constant water potential inside the animal body.
  4. In animal cells, water potential far exceeds the solute potential.



Which of the statements given above is/are correct?

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

**52. Who of the following was a contemporary of Alexander, the Great?**

- a) Bimbisara  
b) Chandragupta Maurya  
c) Ashoka  
d) Pushyamitra Sunga

**53. The themes of the murals of the Ajanta Caves are**

1. Decorative designs which include a variety of animals, trees and flowers.
2. Portraits of various Buddhas and Bodhisattvas.
3. Narrative scenes portraying Jataka stories.

Select the correct answer using the code  
Given below,

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

**54. During Aurangzeb's reign, whose duty was it to see that people lived their lives in accordance with the 'Sharia'?**

- a) Ahadis                      b) Mansabhdars  
c) Muhtasibs                      d) Walashuhis

**55. Consider the following statements:**

1. The Indian National Congress was formed during the Viceroyalty of Lord Dufferin.
2. The first President of Indian National Congress was Woomesh Chandra Banerji.
3. The first session of the Indian National Congress was held in Calcutta.
4. In the first session of the Indian National Congress some government officials were also present. Which of the following statements given above are correct?

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

**56. Which one of the following pairs is correctly matched?**

- a) Lord Cornwallis: Subsidiary Alliance  
b) Lord Dalhousie: Permanent Settlement of Bengal  
c) Lord Lytton: Doctrine of Lapse  
d) Lord Curzon: Partition of Bengal

**57. Due to the leadership and success in which one of the following did Vallabhbhai Patel get the title of 'Sardar'?**

- a) Kheda Satyagraha  
b) Non-Cooperation Movement  
c) Bardoli Satyagraha  
d) Civil Disobedience Movement

**58. Who among the following was not associated with the Lahore conspiracy case?**

- a) Bhagat Singh                      b) Surya Sen  
c) Rajguru                      d) Sukhdev

**59. Which one of the following with regard to the Poona Pact, 1932 is not correct?**

- a) Adequate representation of depressed sections in government jobs  
b) Reservation of seats for the depressed classes in the provincial legislature  
c) Acceptance of joint electorate system  
d) Reservation of seats for the depressed classes in the central legislature

**60. The core of the safety-valve thesis rests on the assumption that**

- a) a violent anti-colonial revolution was bound to occur unless a constitutional platform like the congress was founded.  
b) the congress would assist the British in administering the colony.  
c) the congress leaders would constitute the colonial elite.  
d) the congress as a party would assist the colonial rulers to implement political and social reforms.

**61. The First Anglo- Burmese War was concluded by a treaty. Which one among the following is that?**

- a) Treaty of Bhamo                      b) Treaty of Tamu  
c) Treaty of Bhamo                      d) Treaty of Yandaboo

**62. The Jury Act of 1827 was opposed by many Indians. One of the grounds for opposing it was that it denied both to the Hindus and Mohammedans the honor of a seat on the Grand Jury.**

**Which among the following was known for his opposition to the Jury Act?**

- a) Gopal Krishna Gokhale  
b) Lord Sinha  
c) Sir Syed Ahmed Khan  
d) Raja Rammohan Roy

**63. Assertion (A):** The Government of India Act of 1858 transferred the governance of India from the East India Company to the Crown.

**Reason (R):** The East India Company was unwilling to administer India any more.

- 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

**64. Who of the following published a famous pamphlet known as 'Right of Mass' and urged the people in England, America and France to fight for their liberty?**

- a) Thomas Jefferson
- b) Thomas Paine
- c) John Locke
- d) Jean Jacques Rousseau

**65. Statement I:** The Russian Revolution of 1917 inspired the Indian working-class movement.

**Statement II:** The Non-Cooperation Movement (1921-22) saw the involvement of the Indian working class.

- a) Both the statements are individually true and Statement II is the correct explanation of Statement I
- b) Both the statements are individually true but Statement II is not the correct explanation of Statement I
- c) Statement I is true but Statement II is false
- d) Statement I is false but Statement II is true.

**66. Which one of the following cities is located on the bank of the Irrawaddy river?**

- a) Bangkok
- b) Hanoi
- c) Manila
- d) Yangon

**67. In which one of the following areas is monsoon climate found?**

- a) Pacific Coast of Columbia
- b) South-Eastern United States
- c) Southern Part of South Africa
- d) Central California

**68. Foucault experiment is proof of which one of the following?**

- a) Revolution of Earth
- b) Rotation of Earth
- c) Rotation of Moon

d) Revolution of Moon

**69. Which one of the following is the time required for the earth to return to a given point in its orbit with reference to fixed stars called?**

- a) Lunar year
- b) Solar year
- c) Tropical year
- d) Sidereal year

**70. Which among the following planets is smaller in size than the earth?**

- a) Neptune
- b) Venus
- c) Saturn
- d) Uranus

**71. What is the reason for the major hot deserts of the world lying in the western part of the tropical latitude?**

- a) They are influenced by trade winds
- b) They lie in the rain-shadow area of the mountains
- c) They are influenced by monsoon winds
- d) They are influenced by dry winds

**72. Which of the following statements are correct?**

1. In a cyclone, the area of low pressure is at the centre surrounded by the areas of high pressure.
  2. In a cyclone, the areas of low pressure surround the area of high pressure
  3. In an anti-cyclone, the area of high pressure is surrounded by the areas of low pressure
  4. In an anti-cyclone, the area of low pressure is surrounded by the areas of high pressure
- Select the correct answer using the code

Given below:

**Code:**

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

**73. The exceptionally high and low tides that occur at the time of the new moon or the full moon when the Sun, the Moon and the Earth are approximately aligned is called**

- a) Spring
- b) Fall
- c) Neap
- d) Diurnal

**74. Rain shadow effect is associated with**

- a) Cyclonic rainfall
- b) Orographic rainfall
- c) Convectional rainfall
- d) Frontal rainfall

**75. Which one among the following statements is not correct?**

- a) More than 50% of world's animal species are

found in tropical rain forest

- b) One-third of land surface is arid or semi-arid
- c) Floating plants (phytoplankton) in the ocean produce over half the world's oxygen
- d) World's important deserts are located across the equator

**76. When the winds blow from all sides to the central low in an anticlockwise direction, then this phenomenon is known as**

- a) anti-tropical cyclones of southern hemisphere
- b) temperate cyclones of northern hemisphere
- c) tropical cyclones of northern hemisphere
- d) tropical cyclones of southern hemisphere

**77. Statement I:** There is a large-scale fluctuation of oil flow from oil wells prior to earthquakes.

**Statement II:** Tectonic stress accumulates to a certain level, the pore pressure within a deep oil bearing stratum reaches its breaking strength causing oil to sprout along the oil wells.

- a) Both the statements are individually true And Statement II is the correct explanation of Statement I.
- b) Both the statements 'are individually true but Statement II is not the correct explanation of Statement I.
- c) Statement I is true but Statement II is false.
- d) Statement I is false but Statement II is true.

**78. Consider the following statements:**

1. In the coastal regions, the land breeze Blows over to the sea during night.
2. In the coastal regions, during night, the air over the sea is warmer than the air over land.

Which of the statements given above is/are correct?

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

**79. Match List I with List II and select the correct answer using the code given below the Lists:**

List-I (Mineral)	List-II (Mine)
A. Bauxite	→1. Balaghat
B. Copper	→2. Korba
C. Iron ore	→3. Singareni
D. Coal	→4. Keonjhar

**Codes:**

A B C D

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

**80. Among the following, which one has recorded the highest population growth rate during 1991-2001?**

- a) Arunachal Pradesh
- b) Manipur
- c) Nagaland
- d) Sikkim

**81. Which one of the following sets of States does not receive most of its rainfall from SW Monsoon during the months of June to September?**

- a) Arunachal Pradesh
- b) Assam and Karnataka
- c) Himachal Pradesh and Rajasthan
- d) Tamil Nadu and Jammu & Kashmir

**82. Matchlist I with List II and select the correct answer using the codes given below the lists:**

List I (Peak)	List II (State)
A. Dodabetta	→1. Maharashtra
B. Guru Shikhar	→2. Madhya Pradesh
C. Kalsubai	→3. Tamil Nadu
D. Dhupgarh	→4. Rajasthan

**Codes:**

A B C D

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

**83. Which of the following statements is/are correct?**

- I. Mumbai receives more rainfall than Pune because it is located at the windward side of Western Ghats
- II. Vidarbha region experiences semi-arid climate as it is located in a rain shadow region
- III. In India monsoon reaches Kashmir valley at the last

Select the correct answer using the code given below:

- a) I, II and III
- b) I and II only
- c) II and III only
- d) I only

**84. The Gulf of Mannar is situated along the coast of**

- a) Tamil Nadu
- b) Kerala

- c) Karnataka d) Andhra Pradesh
85. Which of the following statements is/are correct?
- The local time of Itanagar (Arunachal Pradesh) is about two hours ahead than Dwarka (Gujarat).
  - The local time at Chennai (Tamil Nadu) and Lucknow (Uttar Pradesh) is almost same.
  - The local time of Mumbai (Maharashtra) is one hour ahead than Kolkata (West Bengal). Select the correct answer using the code given below:
- a) 1 and 2 only b) 2 only  
c) 1 and 3 only d) 1, 2 and 3
86. Consider the following statements:
- The Chief Justice of a High Court is appointed by the Governor of the state.
  - Every Judge of a High Court including the Chief Justice holds office until he/she attains the age of 65 years.
- Which of the statements given above is/are correct?
- a) Only 1 b) Only 2  
c) Both 1 and 2 d) Neither 1 nor 2
87. Which among the following statements is/are the feature(s) of a Federal state?
- The power of the central and the state (Constituent Unit) Government are clearly laid down.
  - It has an unwritten constitution. Select the correct answer using the code given below:
- a) 1 only b) 2 only  
c) Both 1 and 2 d) Neither 1 nor 2x
88. Who can initiate impeachment proceedings against the President of India?
- a) Only Lok Sabha  
b) Only Rajya Sabha  
c) Either House of the Parliament  
d) Any Legislative Assembly
89. Which one among the following features of the Constitution of India is indicative of the fact that the real executive power is vested in the Council of Ministers headed by the Prime Minister?
- a) Federalism  
b) Representative legislature  
c) Universal adult franchise  
d) Parliamentary democracy

90. Which one among the following is not a function of the Comptroller and Auditor General of India?
- a) Auditing the transactions of Centre and state Governments relating to contingency funds and public accounts  
b) Compiling the accounts of Defence  
c) Auditing the accounts of institutions financed by the Government  
d) Compiling the accounts of States
91. Which among the following is not correct with regard to Sampurna Grameena Rozgar Yojana?
- The cash component of the programme is borne exclusively by the Central Government.
  - Food grains are provided free of costs to the States/ Union Territories.
- a) 1 only b) 2 only  
c) Both 1 and 2 d) Neither 1 Nor 2
92. Which among the following statements is/are true with regard to WTO membership?
- All WTO members automatically receive the 'most favoured nation' status.
  - Over 75% of WTO members are from developing countries, WTO membership allows them access to developed markets at the lower tariff.
- a) 1 only b) 2 only  
c) Both 1 and 2 d) Neither 1 nor 2
93. Anup Sridhar, a well-known sportsperson, is associated with which one of the following games/sports?
- a) Badminton b) Shooting  
c) Table Tennis d) Boxing
95. The Governments of which one of the following pairs of countries are planning to build a rail tunnel link between Europe and Africa?
- a) Algeria and France  
b) Egypt and Greece  
c) Morocco and Spain  
d) Libya and Italy
96. Which one of the following pairs are correctly matched?
- Arundhati Roy: The God of small Things
  - Kiran Desai: The Inheritance of Loss.
  - Jhumpa Lahiri: The Name-sake Select the correct answer

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

97. Consider the following statements:

1. Lamba in Gujarat is famous for wind power plant.
2. Manikaran in Himachal Pradesh is famous for geo thermal energy plant.

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

98. Which one of the following is not a member of BASIC bloc of countries?

- a) South Africa                    b) China  
c) India                              d) Australia

99. Match List-I with List-II and select the correct answer using the codes given below the lists. List-I (Joint exercise)

List II (Type)

A: Indra →1. Joint anti-terrorism exercise

B: Cope India →2. Joint air force exercise

C: Ind-Indo Copart →3. Coordinated maritime patrolling

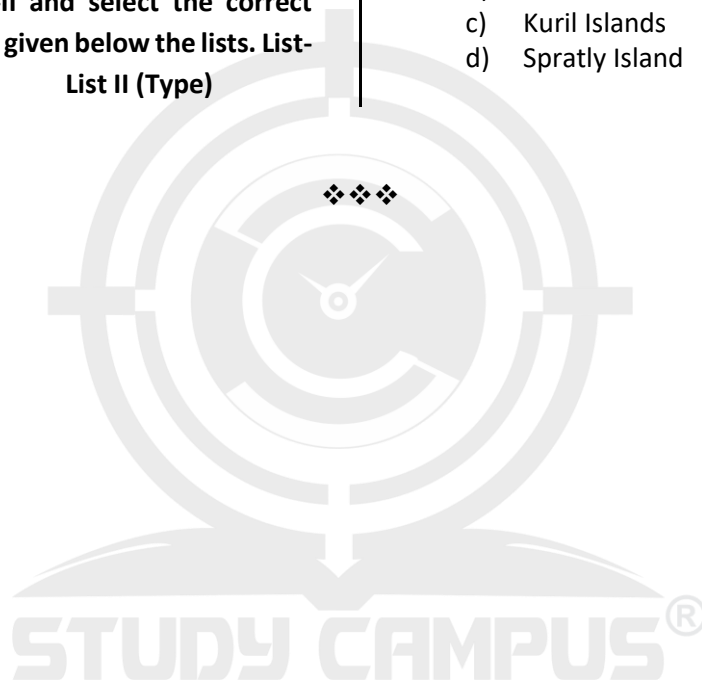
D Ayutthaya's →4. Joint arm exercise

Codes:

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

100. Which among the following islands in the South China Sea are the source of conflict between several countries?

- a) Marshall Islands  
b) Solomon Islands  
c) Kuril Islands  
d) Spratly Island





## ANSWER KEY

## PART - A

Q	Answer	Q	Answer	Q	Answer	Q	Answer	Q	Answer
1	a	11	b	21	c	31	c	41	a
2	d	12	b	22	c	32	b	42	d
3	b	13	c	23	d	33	d	43	b
4	b	14	b	24	b	34	c	44	c
5	b	15	a	25	b	35	b	45	c
6	d	16	c	26	a	36	a	46	a
7	d	17	c	27	d	37	d	47	d
8	d	18	c	28	c	38	c	48	a
9	a	19	a	29	d	39	c	49	c
10	a	20	a	30	d	40	d	50	a

## PART- B

Q	Answer	Q	Answer	Q	Answer	Q	Answer	Q	Answer
1	a	21	c	41	c	61	d	81	d
2	c	22	d	42	d	62	d	82	c
3	d	23	c	43	d	63	c	83	a
4	c	24	a	44	c	64	b	84	a
5	d	25	b	45	b	65	a	85	a
6	b	26	d	46	b	66	c	86	d
7	b	27	d	47	a	67	d	87	a
8	a	28	b	48	d	68	b	88	c
9	c	29	d	49	b	69	a	89	d
10	d	30	d	50	c	70	b	90	b
11	b	31	b	51	b	71	d	91	b
12	c	32	a	52	b	72	b	92	c
13	d	33	d	53	c	73	a	93	b
14	b	34	b	54	a	74	b	94	d
15	b	35	d	55	b	75	d	95	c
16	d	36	a	56	d	76	d	96	a
17	c	37	a	57	c	77	a	97	c
18	c	38	c	58	b	78	c	98	d
19	c	39	a	59	a	79	b	99	a
20	b	40	c	60	a	80	c	100	d