Roll No. ☐☐☐☐☐☐☐

Signature of Invigilator

Question Booklet Series **X**

PAPER–I   **Question Booklet No.**
(Identical with OMR
Answer Sheet Number)

Subject Code : 00

GENERAL

Time : 1 Hour   *Maximum Marks: 100*

Instructions for the Candidates

1. Write your Roll Number in the space provided on the top of this page as well as on the OMR Sheet provided.

2. At the commencement of the examination, the question booklet will be given to you. In the first 5 minutes, you are requested to open the booklet and verify it:

    (i) To have access to the Question Booklet, tear off the paper seal on the edge of this cover page.

    (ii) Faulty booklet, if detected, should be got replaced immediately by a correct booklet from the invigilator within the period of 5 minutes. Afterwards, neither the Question Booklet will be replaced nor any extra time will be given.

    (iii) Verify whether the Question Booklet No. is identical with OMR Answer Sheet No.; if not, the full set is to be replaced.

    (iv) After this verification is over, the Question Booklet Series and Question Booklet Number should be entered on the OMR Sheet.

3. This paper consists of Fifty (50) multiple-choice type questions. All the questions are compulsory. Each question carries *two* marks.

4. Each Question has four alternative responses marked: (A) (B) (C) (D). You have to darken the circle as indicated below on the correct response against each question.

    Example: (A) (B) ● (D), where (C) is the correct response.

5. Your responses to the questions are to be indicated correctly in the OMR Sheet. If you mark your response at any place other than in the circle in the OMR Sheet, it will not be evaluated.

6. Rough work is to be done at the end of this booklet.

7. If you write your Name, Roll Number, Phone Number or put any mark on any part of the OMR Sheet, except in the space allotted for the relevant entries, which may disclose your identity, or use abusive language or employ any other unfair means, such as change of response by scratching or using white fluid, you will render yourself liable to disqualification.

8. Do not tamper or fold the OMR Sheet in any way. If you do so, your OMR Sheet will not be evaluated.

9. You have to return the Original OMR Sheet to the invigilator at the end of the examination compulsorily and must not carry it with you outside the Examination Hall. You are, however, allowed to carry question booklet and duplicate copy of OMR Sheet after completion of examination.

10. **Use only Black Ball point pen.**

11. **Use of any calculator, mobile phone, electronic devices/gadgets etc. is strictly prohibited.**

12. **There is no negative marks for incorrect answer.**

GENERAL

PAPER I

1. The main objective of teaching is

(A) scoring high marks in the examination.

(B) completing the syllabus thoroughly.

(C) helping to get suitable placement.

(D) creating lifelong learners.

2. NMEICT stands for

(A) National Mission on E-learning through ICT

(B) National Mission on Education through ICT

(C) National Mission on E-Governance through ICT

(D) National Mission on E-Commerce through ICT

3. Introducing internal assessment as part of the evaluation process is good because it helps the teachers to

(A) encourage the students to behave well in the class.

(B) give weightage to the behaviour of students in the classroom.

(C) know the formative process of the students.

(D) improve the aggregate score of the students.

4. A deductive theory is one that

(A) allows theory to emerge out of the data.

(B) involves testing an explicitly defined hypothesis.

(C) allows for findings to feed back into the stock of knowledge.

(D) uses qualitative methods whenever possible.

5. Which branch of philosophy deals with knowledge, its structure, method and validity?

(A) Logic

(B) Aesthetics

(C) Epistemology

(D) Metaphysics

6. (i) The method is psychological and imparts knowledge in a natural manner without any assumption or presumption.

(ii) It is a scientific method which is based on visible elements or facts.

(iii) This is the best method as it teaches the student to think for himself.

(iv) As the result of acquiring knowledge through this method, the feeling of self-confidence and self-dependence is developed in the student.

All the above are related to which method of teaching-learning?

(A) Deductive Method

(B) Inductive Method

(C) Prescriptive Method

(D) Mixed Method

7. A null hypothesis is

(A) hypothesis of no difference.

(B) hypothesis that assigns value of zero to the variable.

(C) hypothesis of zero significance.

(D) hypothesis which can neither be proved nor disproved.

8. The study of role of time in communication is known as

(A) Chronemics

(B) Semiotics

(C) Paralanguage

(D) Kinesics

9. The term 'op cit' stands for

(A) as cited above

(B) as cited opposite

(C) as cited in the appendix

(D) as cited in the bibliography

[Please Turn Over]

Study the data given in the table and answer the questions from **10** to **13**:

State	Percentage of population below poverty line	Proportion of Males (M) and Females (F)	
		Below Poverty lines M : F	**Above Poverty line M : F**
A	35	5 : 6	6 : 7
B	25	3 : 5	4 : 5
C	24	1 : 2	2 : 3
D	19	3 : 2	4 : 3
E	15	5 : 3	3 : 2

10. If the male population above poverty line for State 'C' is 1.9 million, then the total population of State 'C' is

    (A) 4.55 million

    (B) 4.85 million

    (C) 5.35 million

    (D) 6.25 million

11. What will be the number of females above poverty line in the State 'D' if it is known that the population of State 'D' is 7 million?

    (A) 3.50 million

    (B) 2.43 million

    (C) 3.35 million

    (D) 4.15 million

12. What will be the male population above poverty line for the State 'A' if the female population below poverty line for State 'A' is 2.1 million?
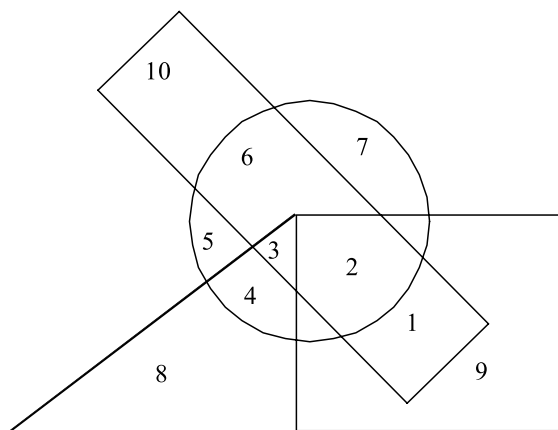
    (A) 2.2 million

    (B) 3.3 million

    (C) 3.5 million

    (D) 2.7 million

13. If the population of males below poverty line for State 'B' is 2.4 million and the same for State 'E' is 6 million, then the total populations of States 'B' and 'E' are in the ratio of

    (A) 1 : 3

    (B) 1 : 3.5

    (C) 1 : 2.5

    (D) 1 : 2

Directions (Q **14** to **16**)
In the following diagram, 'rectangle' represents 'boys'; 'triangle' represents 'girls'; 'circle' represents 'athletics' and 'square' represents 'disciplined'.

14. Which number indicates the boys who are athletic and disciplined?

(A) 1

(B) 2

(C) 10

(D) 6

15. Which one of the following indicates athletic boys and girls?

(A) 4

(B) 5

(C) 3

(D) 2

16. What is represented by number 1?

(A) Athletic boys

(B) Athletic disciplined boys

(C) Athletic disciplined boys and girls

(D) Disciplined boys

17. Which of the following is not a Millennium Development Goal (MDG)?

(A) Improvement in maternal health

(B) Achieve universal access to safe drinking water, sanitation and hygiene

(C) Ensure environmental sustainability

(D) Achieve universal primary education

18. The Taj Mahal is threatened due to the effect of

(A) Hydrogen

(B) Chlorine

(C) Sulphur dioxide

(D) Oxygen

19. Which of the following is the basic unit of study of ecology?

(A) Population

(B) Environment

(C) Biosphere

(D) Ecosystem

20. Which of the following is not part of geological disaster?

(A) Volcanoes

(B) Earthquakes

(C) Tsunami

(D) Sea Surge

21. The popular operating system used in mobile smart phones

(A) UNIX

(B) LINUX

(C) WINDOWS

(D) ANDROID

[Please Turn Over]

22. The system widely used for data collection and acquisition is known as

    (A) Scalable Control and Data Acquisition

    (B) Supervisory Control and Data Acquisition

    (C) Acquisition of Data and Analysis

    (D) Adaptive Data Acquisition

23. Team A and B play in a Basket Ball tournament. A match can have three outcomes; (i) A win (ii) B win (iii) Tie. The team has to win two games to be declared as winner. The first team winning two games in a row is declared as a winner and tournament ends. In how many ways the tournament can proceed where one team can be declared as winner?

    (A) 8

    (B) 9

    (C) 10

    (D) 11

24. The number of 8 bit strings that can be formed beginning with either "111 . . ." or "101 . . ." is

    (A) 32

    (B) 64

    (C) 128

    (D) 256

25. In an Internet world, computers connected to Internet are identified by

    (A) e-mail address

    (B) MAC address

    (C) IP address

    (D) Memory address

26. In IT Act, 2000, which section deals with the punishment for cyber terrorism?

    (A) 66 (A)

    (B) 66 (B)

    (C) 66 (F)

    (D) 45 (F)

27. Which layer of the atmosphere is also called Ozonosphere?

    (A) Troposphere

    (B) Mesosphere

    (C) Stratosphere

    (D) Exosphere

28. Which of the following is having the primary objective to disseminate countrywide higher educational programmes through TV along with appropriate use of ICT?

    (A) INFLIBNET

    (B) CEC

    (C) DOORDARSHAN

    (D) NAAC

29. *Assertion (A)* : The Governor of a state exercises the power of issuing ordinance on the advice of the Cabinet.

    Reason (R) : The exercise of ordinance making power of Governor is discretionary.

Which of the following code is correct on the basis of *A* and *R*?

Code:

    (A) Both *(A)* and *(R)* are true and *(R)* is the correct explanation of *(A)*.

    (B) Both *(A)* and *(R)* are 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.

30. In the 6th century BCE, which of the following places flourished as a centre of higher education?

    (A) Nalanda

    (B) Vikramshila

    (C) Takshashila

    (D) Ujjayini

31. Which of the following Articles of the Indian Constitution originally referred to the Right to Property as Fundamental Right?

(A) Article 19

(B) Article 20

(C) Article 21

(D) Article 22

32. Concerning the primary focus of the Five Year Plans in India which of the following is not correct?

(A) First FYP – Development of primary sector

(B) Second FYP – Heavy Industry

(C) Third FYP – Agriculture and agro-based industry

(D) Fourth FYP – Science and Technology

33. Which of the following is not a function of the AICTE?

(A) Promotion of quality in technical education

(B) Focusing on non-formal education

(C) Emphasis on developing high quality institutions and innovative research programmes

(D) Allocation of grants for planned and coordinated development of technical education

34. With which of the following government schemes are the phrases *har khet ko paani* and *per drop more crop* associated?

(A) Rainfed Area Development Programme (RADP)

(B) National Mission for Sustainable Agriculture (NMSA)

(C) Pradhan Mantri Krishi Sinchayi Yojana (PMKSY)

(D) Paramparagat Krishi Vikas Yojana (PKVY)

35. The Nobel Foundation has awarded two Nobel Prizes in Literature this year for 2018 & 2019, as last year's prize was cancelled. Why was the Nobel Prize in Literature cancelled in 2018?

(A) Because of internal problems of the Swedish Academy.

(B) Because no shortlisted author was found suitable.

(C) Because there was a controversy over the award of the 2017 prize to Kazuo Ishiguro.

(D) Because the term of the expert committee had expired and the new committee had not been constituted.

36. The ratio between the rates of walking of A and B is 3 : 4. If the time taken by B to cover a distance is 24 minutes, the time taken by A to cover that much distance is

(A) 18 mins

(B) 32 mins

(C) $10\frac{6}{7}$ mins

(D) $13\frac{5}{7}$ mins

37. A tin contains 50 paise, 25 paise and 10 paise coins in the ratio 5 : 9 : 4, amounting to Rs. 206. Find the number of coins of each type respectively.

(A) 100, 150, 200

(B) 200, 360, 160

(C) 160, 360, 200

(D) 360, 160, 200

38. If + means –, – means ×, × means ÷ and ÷ means +, then which of the following equations is not correct?

(A) $10 \times 5 - 2 \div 4 + 6 = 2$

(B) $12 \times 4 + 5 \div 9 - 2 = 14$

(C) $7 - 15 \times 3 + 6 \div 4 = 33$

(D) $14 \div 7 - 5 + 10 \times 2 = 45$

[Please Turn Over]

39. What is a research design?

(A) A way of conducting research that is not grounded in theory.

(B) The choice between using qualitative or quantitative methods.

(C) The style in which you present your research findings.

(D) A framework for every stage of the collection and analysis of data.

40. Which of the following is not an example of a "unit of analysis"?

(A) Validity

(B) Significant actors

(C) Words

(D) Subjects and themes

41. A is the mother of P and Q. C is the father-in-law of A, father of B and D, and grandfather of Q. C has only one daughter. D is the aunt of P. How is B related to A?

(A) Brother

(B) Son

(C) Husband

(D) Cannot be determined

42. In a certain code '367' means 'Blue Colour Car'; '694' means 'Green Colour Fan' and '356' means 'White Colour Car'. What digit in that code means 'Green'?

(A) 4

(B) either 4 or 9

(C) 5

(D) Cannot be determined

43. How many 4s are there in the following number sequence which are immediately preceded by 9 but not immediately followed by an even number?

7 3 5 9 4 5 6 2 3 8 4 2 6 9 4 2 7 8 9 4 3 8 2 8 9 4 1 3 4 5 7

(A) One

(B) Two

(C) Three

(D) More than three

44. Choose the missing word in place of (?) on the basis of relationship.

West : North-East : : South : ?

(A) North-West

(B) South-East

(C) North

(D) East

45. I started walking towards East and after walking 20 meters, turned to my left and walked 15 meters. Then, I turned to my left and walked 20 meters. Again, I turned to my left and walked 15 meters. Now I am walking in which direction with respect to the starting point?

(A) South

(B) North

(C) East

(D) West

Read the following passage and answer questions (**46** to **50**):

The Dalit movement in India is yet to be fully formed with a sizeable consensus. It lives in various forms, sizes and shapes. It has not yet formulated a cogent programme to take in politically conservative Dalits by bringing them into the wider Indian democratic experience. Dalit scholars and politicians alike can be seen struggling to formulate a workable theory of Ambedkarism or Dalitism that would be a manifesto for common liberation.

By exclusively relying on constitutionalism as a means of emancipation, this class of intellectuals argues for a Utopian dream. The methods of Dalit emancipation, however, remain unknown. The sooner India's oppressed realise this, the better. One cannot depend on the limited conceptions of constitutionalism for deliverance. Owing to the limited control of this institution, the Constitution has become synonymous to a grievance cell offering no immediate solutions.

The linguistic accessibility of the Constitution and its reach to the oppressed is extremely limited. Few peasants would consider the Constitution as a written word that would guarantee them protection from the landlord's real and financial whipcord. Similarly, few

beggars who are living on the mercy of donors' charity would think that this dossier guarantees them equality and access to freedom. The idea of the Constitution is romantic. No one really knows its limitations but lauds its profundity without testing it out. Many Dalits are repeating the state's narrative of constitutionalism as being the ultimate virtue - a god-sent panacea. It does nothing more than applying a lotion to massage one's shattered ego. But when it comes to exercising the enshrined codes in the Constitution, Dalits seem to be harming their self-worth. This is because not everybody feels this document is close to their hearts as much as Dalits. Not everyone has similar expectations from the Constitution. Thus, it creates genuine gaps while considering constitutional morality as a common virtue. Hence, in such a situation of one-sided applicability, mutual cohabitation is a long shot. One has to pierce through the devious agenda of casteist rogues by injecting a radical antidote to set a tone of mutuality and respectability. Unless this is settled, no further conversation can be foreseen that will yield real results. [Extracted from Suraj Yengde, *Caste Matters*]

46. The word "panacea" as used in the passage means:

(A) boon
(B) opportunity
(C) general remedy
(D) reassurance

47. The author is of the view that

(A) there is no solution in law for the problems of Dalits.
(B) legal solutions are not always the most effective.
(C) casteism is deeply entrenched in the legal system of India.
(D) there cannot be any permanent solution to the problem of Dalit Oppression.

48. What does the author mean by claiming that "the idea of the Constitution is romantic"?

(A) The Constitution is unrealistic.
(B) The Constitution has many limitations.
(C) The Constitution is commonly understood to be profound.
(D) The belief in the Constitution is unfounded.

49. Which of the following statements is *not* implied in the passage?

(A) Caste oppression will continue so long as people do not obey the Constitution.
(B) The Constitution is not equally accessible to all.
(C) Constitution morality is only an ideal and not a reality.
(D) The problem of caste calls for social and not merely legal solutions.

50. Which of the following analogies does the author recurrently use with reference to casteism?

(A) Casteism is like a sin.
(B) Casteism is like immoral conduct.
(C) Casteism is like a disease.
(D) Casteism is like a nightmare.

ROUGH WORK

ROUGH WORK

ROUGH WORK