

Roll No.

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(Write Roll Number from left side
exactly as in Admit Card)

Signature of Invigilators

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1400

Test Booklet Series

A

PAPER-I

Test Booklet No.

Subject Code : 00

OMR Sheet No.

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GENERAL

Time : 1 Hour 15 minutes

Maximum Marks: 100

Instructions for the Candidates

1. Write your roll number in the space provided on the top of this page and roll number with subject code on the OMR Sheet provided with this booklet. Also write your OMR Sheet number in the space provided above.
2. This paper consists of sixty multiple choice type questions. Answer only 50 questions. Each question carries *two* marks. Note that the first 50 answers you attempt will be evaluated.
3. Each question has *four* alternative responses marked (A), (B), (C) and (D). You have to select only one correct response and mark it in the top page of the duplicate OMR Sheet with blue/black ball pen.

Example:



Here (C) is the correct response.

4. Your responses to the questions are to be indicated only in the top page of the duplicate OMR Sheet given with this booklet. If the marking is put at any other place than in the top page of the duplicate OMR Sheet, it will not be evaluated.
5. Sheets are provided at the end of the booklet for rough work.
6. If you write your name or put any special mark on any part of the top page of the duplicate OMR Sheet which may disclose in any way your identity, you will render yourself liable to disqualification.
7. Do not tamper or fold the OMR Sheet in any way. If you do so, your OMR Sheet will not be evaluated.
8. You should return the top page of the duplicate OMR Sheet to the invigilator at the end of the examination. You are allowed to carry the test booklet as well as second page of the OMR Sheet back with you for your future reference.
9. If the top page of the duplicate OMR Sheet is not returned along with the test booklet, you will be disqualified.
10. No candidate shall be allowed to leave his/her seat or the examination hall/room till the end of the examination without the permission of the invigilator.

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GENERAL

PAPER I

1. Which does *not* enhance the effectiveness of a teacher?

- (A) Qualification
- (B) Physical appearance
- (C) Understanding of the subject
- (D) Personality

2. In the census method of data collection, we collect data from

- (A) every unit of the population
- (B) specific population
- (C) general population
- (D) concentrated population

Read the following passage and answer the question Nos. 3-7.

The rich biodiversity of the planet earth, consisting of about 13 million species, is the product of millions of years of evolution in nature. Of these, only a small part, about 1.75 million species have been identified so far by humanity. The biological diversity of nature, while indicating the stability of the ecosystems and evolution of the biosphere, also benefits human societies in varieties of ways. A large part of the world's biodiversity, the micro-organisms, is not visible to the naked human eye. They perform crucial roles in the diverse ecosystems to which they belong. Such roles are closely linked with the quality of life in many ways. Extensive human interventions on the natural ecosystems and rapid growth in human population have resulted in a drastic decline in the biodiversity of our planet, part of which has been lost forever. With advances made in biotechnology in the past decades, the potential utility of biodiversity for human well-being has also drastically increased. In order to reverse the degradation and damage to the world's biodiversity and to facilitate their sustainable use, initiatives at the local to global levels have been undertaken. Probably, the most important of all global agreements on these issues is the Convention on Biological Diversity (CBD) which was signed by more than 150 nations at the Earth Summit in Rio de Janeiro in 1992. This binds the ratifying countries to protect biodiversity, to move towards conservation, sustainable use and equitable benefit sharing of biological resources across local, regional, national and global societies. However, the issues related to benefit sharing are very complex and have led to serious differences in the

positions taken by countries with different characteristics. Three economic measures: valuation, incentive measures and financial resources, are crucial to the implementation of the Convention. This requires a close collaboration between ecology and economics.

3. Potential use of biodiversity for human beings has grown rapidly in recent times because of

- (A) extensive human interventions on the natural ecosystems.
- (B) increasing recent awareness about biodiversity.
- (C) advances made in biotechnology in recent times.
- (D) increasing number of international agreements on the protection of biodiversity.

4. The signatories of Rio (1992) Agreement are obliged to

- (A) facilitate equitable benefit sharing of biological resources.
- (B) protect and conserve biodiversity.
- (C) ensure sustainable use of biodiversity.
- (D) All of the above

5. The rich biodiversity of nature is an indicator of

- (A) stability of the ecosystem.
- (B) abundance of food, health and other human needs.
- (C) difficulty of benefit sharing.
- (D) the static nature of the biosphere.

6. Economics plays a role in ecological issues because

- (A) genetic resources meet food and health needs.
- (B) economic measures are crucial for the implementation of CBD.
- (C) biodiversity losses are often irreplaceable.
- (D) biodiversity has close links with the quality of life.

7. The percentage of species identified by human beings (out of all the existing species) is

- (A) Less than 10%
- (B) Between 10% to 15%
- (C) Between 15% to 20%
- (D) Above 20%

8. Which of the following is not a tool of the monetary and credit policy conducted by the RBI?

- (A) Bank Rate
- (B) Long-term Debentures
- (C) Open Market Operation
- (D) Cash Reserve Ratio

9. Ozone layer depletion or hole in ozone layer is being chiefly found in

- (A) Russia
- (B) South Pole
- (C) North Pole
- (D) None of the above

10. The UGC INFONET network is run and managed by

- (A) ERNET
- (B) NUEPA
- (C) INFLIBNET
- (D) UGCNET

11. A teacher is considered to be

- (A) a friend, philosopher, supervisor
- (B) a friend, philosopher, guide
- (C) a friend, observer, counsellor
- (D) a friend, counsellor, supervisor

12. Which of the following has *not* been identified by the Knowledge Commission as one of the five key areas of the knowledge paradigm?

- (A) Access
- (B) Study
- (C) Concepts
- (D) Creation

13. Which of the following steps should you give priority for an effective communication?

- (A) To select a channel for communication.
- (B) To plan an evaluation procedure.
- (C) To specify the objectives of communication.
- (D) To select various types of media for communication.

14. Which of the following is not desirable of a teacher?

- (A) Prompting students to provide a fuller answer or an explanation.
- (B) Interrupting students or allowing them to be interrupted by their peers.
- (C) Addressing students by their names.
- (D) Listening attentively and responding directly to student's comments and questions.

15. If in a certain code LUTE is written as MUTE and 'FATE' is written as 'GATE', then how will BLUE be written in that code?

- (A) CLUE
- (B) GLUE
- (C) FIUE
- (D) SLUE

16. Certain words/terms are given below in the following question. All are similar in nature except one which is different. Pick out the odd one.

Lion and Den, Cow and Porch, Pig and Pen, Hen and Farm, Horse and Stable

- (A) Lion and Den
- (B) Cow and Porch
- (C) Pig and Pen
- (D) Hen and Farm

Study the table carefully and answer the question Nos. 17 to 19.

Loans disbursed by five banks over the years
(in crores of rupees)

Banks	Years				
	1982	1983	1984	1985	1986
I	18	23	45	30	58
II	27	33	18	41	37
III	29	29	22	17	11
IV	31	16	28	32	43
V	13	19	27	34	42
Total	118	120	140	154	191

17. In which bank was the disbursement of loans more than 25 per cent of all banks in 1986?

- (A) I
- (B) II
- (C) III
- (D) IV

18. In which of the following banks did disbursement of loans continuously increase over the years?

- (A) I
- (B) II
- (C) V
- (D) IV

19. In case of which bank was the increase in disbursement highest in percentage terms during 1982-86?

- (A) I
- (B) II
- (C) IV
- (D) V

Study the following table and answer the question Nos. 20 to 22.

Production in Million Tonnes

Crops	Years					
	1976	1977	1978	1979	1980	1981
Rice	44.0	39.6	48.7	41.9	52.7	52.1
Wheat	21.8	24.1	28.8	29.9	31.8	37.0
Other cereals	28.8	26.1	30.4	28.9	30.0	30.2
Pulses	10.0	10.5	13.0	11.4	12.0	12.2
Potatoes	4.8	6.3	7.3	8.1	8.3	10.2

20. In the case of which crop the production increase is by more than 10 Lakh tonnes each year?

- (A) Wheat
- (B) Rice
- (C) Potatoes
- (D) None of the above

21. In which year the production of rice and wheat together was the least?

- (A) 1979
- (B) 1978
- (C) 1977
- (D) None of the above

22. In the case of which crop the production is having ups and downs every alternate year?

- (A) Rice
- (B) Wheat
- (C) Pulses
- (D) None of the above

23. Assessment is a method of

- (A) obtaining information about students progress and performance.
- (B) awarding degrees to successful students.
- (C) undertaking the placement of passed out students.
- (D) developing the academic standard of the institution.

24. The body of law dealing with forms of speech and/or media representation considered to be anti-national and/or against the state is known as

- (A) Tort
- (B) Sedition
- (C) Hate speech
- (D) Habeas Corpus

25. In a certain code, DEAF is written as 3587 and FILE is written as 7465. How is IDEAL written in that code?

- (A) 43568
- (B) 43586
- (C) 63548
- (D) 48536

26. P's father Q is B's paternal uncle and A's husband M is P's paternal uncle. How is A related to B?

- (A) Cousin
- (B) Aunt
- (C) Mother
- (D) Insufficient Data

27. Which one of the following is *not* a measure of Central tendency?

- (A) Median
- (B) Geometric mean
- (C) Range
- (D) Mode

28. Which was one of the first uses of the internet and is still the most popular use, accounting for most of the traffic on the internet?

- (A) Blogs
- (B) E-mail
- (C) Chat rooms
- (D) Discussion boards

29. Soil conservation can be best achieved by

- (A) good plant covers
- (B) wind screens
- (C) low rainfall
- (D) restricted human activity

30. When a University has its separate campus for teaching purposes and there are many autonomous and constituent colleges affiliated to it, then this organisational pattern is called

- (A) Deemed University
- (B) Unitary University
- (C) Federal University
- (D) Decentralized University

31. You have exceptionally bright students in your class. You will teach them

- (A) along with students of higher classes.
- (B) only when they want.
- (C) along with the rest of the class.
- (D) by using enriched curriculum.

32. The full form of NAAC is

- (A) National Assessment and Accreditation Council
- (B) National Accreditation and Assessment Council
- (C) National Accreditation and Assessment Committee
- (D) National Accreditation and Assessment Commission

33. In the following question are given three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read both of the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements:

- All curtains are rods.
- Some rods are sheets.
- Some sheets are pillows.

Conclusions:

- I Some pillows are rods.
- II Some rods are curtains.
- (A) Only conclusion I is true.
- (B) Only conclusion II is true.
- (C) Either conclusion I or conclusion II is true.
- (D) Neither conclusion I nor conclusion II is true.

34. Which one of the following languages is used for web page design?

- (A) Fortran
- (B) HTML
- (C) C
- (D) SQL

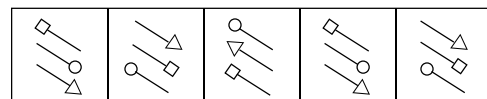
35. In the following question a number series is given with one member missing. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series.

11, 13, 17, 19, 23, ?

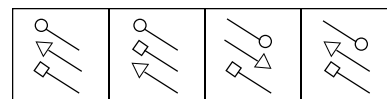
- (A) 26
- (B) 27
- (C) 29
- (D) 28

36. In the following question which one of the four answer figures should come after the problem figures, if the sequence were continued?

Problem Figures



Answer Figures



- (A)
- (B)
- (C)
- (D)

37. A high level committee headed by Prof. Yash Pal was set up for

- (A) developing new University.
- (B) restructuring higher education in the country.
- (C) salary revision of the teachers.
- (D) knowledge Commission.

38. Which one of the following is not an output device?

- (A) Scanner
- (B) Printer
- (C) Visual Display Unit
- (D) Plotter

39. Eutrophication means

- (A) Nutrient dissipated
- (B) Forest containing acid rain
- (C) Nutrient enrichment
- (D) None of the above

40. Curriculum planning is a part of the sub-system of

- (A) Educational management
- (B) Educational facilities
- (C) Educational communication
- (D) Educational activity

41. A teacher should try to develop thinking skills of the students.

Which one of the following is an important thinking skill?

- (A) Study skills
- (B) Skills in 3 R's
- (C) Psychomotor skills
- (D) Information processing skills

42. Article 226 of the Indian Constitution empowers every person to move

- (A) The Supreme Court to enforce fundamental rights.
- (B) The High Court to enforce fundamental rights.
- (C) The Lower Courts to enforce fundamental rights.
- (D) The Supreme Court for a Public Interest Litigation (PIL).

43. The Press Council of India was constituted by

- (A) An Act of Parliament
- (B) A Cabinet resolution
- (C) A Presidential Ordinance
- (D) Supreme Court

44. Who is credited with starting the first newspaper in India?

- (A) Robert Clieve
- (B) James Augustus Hickey
- (C) Rammohan Roy
- (D) Lala Lajpat Rai

45. In the following question the various members of an alphabet series are given with one member missing as shown by (?). Choose the missing member out of the given alternatives.

M, N, O, L, R, I, V, ?

- (A) A
- (B) E
- (C) F
- (D) H

46. In the following question a statement is given followed by several answers. Pick out the correct alternative.

In the winter in India, if you are going towards west in the afternoon, the sun will be visible at your left

_____.

- (A) never
- (B) always
- (C) sometimes
- (D) often

47. Smog is a common pollutant in places having

- (A) excessive ammonium in the air.
- (B) high temperature.
- (C) excessive SO_2 in the air.
- (D) low temperature.

48. What will be the extension of MS-Word 2007 file?

- (A) doc
- (B) wrd
- (C) txt
- (D) docx

49. Acid deposition causes

- (A) the green house effect to lessen.
- (B) lakes and forests to die.
- (C) acid indigestion in humans.
- (D) None of the above is correct.

50. Which among the following is not entrusted with the responsibility of setting up Universities?

- (A) State Legislature
- (B) Upper House
- (C) Parliament
- (D) Central Government

51. While evaluating an answer paper the teacher should not have

- (A) objectivity
- (B) subjectivity
- (C) reliability
- (D) validity

52. The coefficient of correlation explains the percentage of the total variation of the dependent variable.

This statement is

- (A) true
- (B) false
- (C) partially true
- (D) insufficient information to comment

53. Ravi is son of a man's father's sister. Sahil is son of Divya who is mother of Gaurav and grandmother of the man. Ashok is father of Tanya and grandfather of Ravi. Divya is wife of Ashok.

How is Ravi related to Divya?

- (A) Nephew
- (B) Grandson
- (C) Son
- (D) Data inadequate

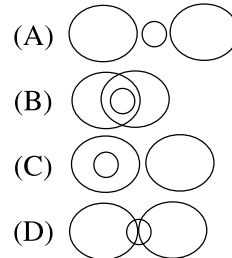
54. The First Press Council was set up by

- (A) Sweden
- (B) USA
- (C) UK
- (D) India

55. Choose the word which is least like the other words in the group:

- (A) Bake
- (B) Peel
- (C) Fry
- (D) Boil

56. The following question is based on the diagram given below. If the two big circles represent animals living on soil and those living in water and the small circle stands for the animals who both live on soil and in water, which figure represents the relationships among them?



57. The carrying capacity of a population is determined by its

- (A) Birth rate
- (B) Death rate
- (C) Limiting resource
- (D) Population growth rate

58. Which is the part of the computer that one can touch and feel?

- (A) Hardware
- (B) Software
- (C) Programs
- (D) Output

59. Wikileaks founder Julian Assange launched his political party in

- (A) USA
- (B) Australia
- (C) Germany
- (D) UK

60. In India we are facing a problem of quantitative growth of higher education. The best solution could be to

- (A) use satellite to teach all courses.
- (B) accept the facts and maintain the status quo.
- (C) make higher education costlier so as to prevent students going for higher education.
- (D) provide alternative opportunities for life long learning.

ROUGH WORK

ROUGH WORK

ROUGH WORK

1400-I

A-12

ROUGH WORK