

Roll No.

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

Signature of Invigilators

1. _____
2. _____

Test Booklet Series

A

1300

PAPER-I

Test Booklet No.

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 test booklet or 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 along with this test booklet to the invigilator at the end of the examination. You are allowed to carry the 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. Interaction in the classroom should generate
 - (A) Arguments
 - (B) Information
 - (C) Ideas
 - (D) Controversy
2. Which of the following is an indication of the quality of research journal?
 - (A) Impact factor
 - (B) H-index
 - (C) G-index
 - (D) J10-index
3. A strategy that is integrated into communication for development is
 - (A) Religious lecture
 - (B) Propaganda
 - (C) Social marketing
 - (D) Rural publicity
4. A group of experts in a specific area of knowledge assembled at a prefixed time and place and prepared a syllabus for a new innovative course. The process may be termed as
 - (A) Workshop
 - (B) Conference
 - (C) Seminar
 - (D) Symposium
5. Name of the mass medium which has the highest reach in India
 - (A) Newspaper
 - (B) Radio
 - (C) Television
 - (D) Internet
6. Which of the following rights was considered the 'Heart and Soul' of the Indian Constitution by Dr. B. R. Ambedkar?
 - (A) Freedom of speech
 - (B) Right to equality
 - (C) Right to Freedom of Religion
 - (D) Right to Constitutional Remedies
7. Computer virus is a
 - (A) Hardware
 - (B) Bacteria
 - (C) Software
 - (D) None of the above
8. Match the two lists given below:

List-1		List-2	
(a) London		I. St. Peter's Square	
(b) Vatican City		II. Times Square	
(c) Moscow		III. Trafalgar Square	
(d) New York		IV. Red Square	
a	b	c	d
(A) III	I	IV	II
(B) IV	II	I	II
(C) I	III	II	IV
(D) II	III	IV	I
9. Which of the following is the World's biggest Book Fair in terms of the number of publishing companies represented? The Book Fair opened on October, 8, 2013—
 - (A) Frankfurt Book Fair
 - (B) Kolkata Book Fair
 - (C) New Delhi Book Fair
 - (D) London Book Fair
10. Who was the first recipient of the 'Bharat Ratna' award posthumously?
 - (A) K. Kamaraj
 - (B) Lal Bahadur Shastri
 - (C) Rajib Gandhi
 - (D) B. R. Ambedkar
11. Which of the following individuals was instrumental in getting C. V. Raman and Sarvapalli Radha Krishnan to teach in the University of Calcutta?
 - (A) Lord Curzon
 - (B) Gurudas Banerjee
 - (C) Asutosh Mookherjee
 - (D) Lord Mountbatten

[Please Turn Over

12. Which of the following became the first Woman Chief Minister of an Indian State?

- (A) S. Jayalalitha
- (B) Nandini Satpathy
- (C) Sucheta Kripalani
- (D) Sheila Dixit

13. Which among the following was the first Woman Nobel Laureate?

- (A) Marie Curie
- (B) Dorothy Hodgkins
- (C) Irene Joliot Curie
- (D) Aung San Suukyi

14. The capitals of Assam and Manipur are

- (A) Guwahati and Itanagar
- (B) Dispur and Imphal
- (C) Dispur and Aizwal
- (D) Guwahati and Imphal

15. The total number of Central Universities in India as on 31st December 2010 was

- (A) 18
- (B) 35
- (C) 42
- (D) 45

16. Delhi University is a

- (A) State University
- (B) Deemed University
- (C) Central University
- (D) Open University

17. Which is the largest State of India in area?

- (A) Madhya Pradesh
- (B) Maharashtra
- (C) Uttar Pradesh
- (D) Rajasthan

18. The President of India is entitled to a monthly salary of

- (A) ₹ 1,25,000
- (B) ₹ 1,50,000
- (C) ₹ 1,75,000
- (D) ₹ 2,00,000

19. The number of Anglo-Indians who can be nominated by the President to the Lok Sabha is

- (A) 2
- (B) 3
- (C) 4
- (D) 5

20. The Supreme Commander of the Defence Forces of India is

- (A) The Chief of the Army Staff
- (B) The Defence Minister
- (C) The Prime Minister
- (D) The President of India

21. How many languages have been recognised by the Indian Constitution?

- (A) 14
- (B) 18
- (C) 22
- (D) 26

22. Higgs-Boson has been discovered in

- (A) Large Hadron Collider of CERN
- (B) Fermi Lab in USA
- (C) Cavendish Lab in UK
- (D) Max- Planck Institute in Germany

23. Indian space vehicle Mangalyaan has been launched from a centre, which is named after

- (A) Vikram Sarabhai
- (B) Indira Gandhi
- (C) Satish Dhawan
- (D) Homi J. Bhabha

Read the following passage and answer the question No. 24-29.

Nationalism, of course, is a curious phenomenon which at a certain stage in a country's history gives life, growth and unity but, at the same time, it has a tendency to limit one, because one thinks of one's country as something different from the rest of the world. One's perspective changes and one is continuously thinking of one's own struggles and virtues to the exclusion of other thoughts. The result is that the same nationalism which is the symbol of growth for a people becomes a symbol of the cessation of that growth. Nationalism, when it becomes successful sometimes goes on spreading in an aggressive way and becomes a danger internationally. Whatever line of thought you follow, you arrive at the conclusion that some kind of balance must be found. Otherwise, something that was good can turn into evil. Culture, which is essentially good becomes not only static but aggressive and something that breeds conflict and hatred when looked at from a long point of view. How do you find a balance, I don't know. Apart from the political and economic problems of the age, perhaps, that is the greatest problem today because behind it there is tremendous search for something which it cannot find. We turn to economic theories because they have an undoubted importance. It is folly to talk of culture or even god, when human beings starve and die. Before one can talk about anything else one must provide the normal essentials of life of human beings. That is where economics comes in. Human beings today are not in a mood to tolerate this suffering, starvation and inequality when they see that the burden is not equally shared. Others profit while they only bear the burden.

24. The greatest problem in the middle of the passage refers to the question

- (A) How to mitigate hardship to human being
- (B) How to contain the dangers of aggressive nationalism
- (C) How to share the economic burden equally
- (D) How to curb international hatred

25. Negative national feelings can make a nation

- (A) Selfish
- (B) Self-centred
- (C) Indifferent
- (D) Dangerous

26. Which of the following would be a suitable title for this passage?

- (A) Nationalism breeds unity
- (B) Nationalism—a road to world unity
- (C) Nationalism is not enough
- (D) Nationalism and national problems

27. The last sentence of the passage starts with the word "Others" which refers to

- (A) Other people
- (B) Other nations
- (C) Other communities
- (D) Other neighbours

28. Aggressive nationalism

- (A) breeds threat to international relations
- (B) leads to stunted growth
- (C) endangers national unity
- (D) isolates a country

29. Which of the following is nearly the opposite of the meaning of the word 'cessation' used in the passage?

- (A) Block
- (B) Continuance
- (C) Balance
- (D) Retardation

30. The following statements are made for (1) Solar Photovoltaic, (2) Wind Turbine, (3) Coal, and (4) Oil

Statement A: All produce energy

B: 1 and 2 make less pollution; 3 and 4 add to pollution

C: 1 and 2 produce cheaper energy than 3 and 4 do

D: 1 and 2 are less developed; 3 and 4 are widely used

Choose the correct statement:

- (A) A, B and D are correct
- (B) Only A and D are correct
- (C) All statements are incorrect
- (D) Only A is correct

[Please Turn Over

- 31.** The following four may be accessed via internet
1. Facebook, 2. Twitter, 3. LinkedIn, 4. Google Scholar
One amongst these four does not fit into the group of the rest three. Choose the correct reason for this from the following:
(A) 1, 2 and 3 are social network sites; 4 is related to search of specialised information
(B) 1 and 2 are social network sites; 3 and 4 are not
(C) Only 1 is meant for social networking; the other three are for information retrieval
(D) 1 and 4 are for social networking; 2 and 3 are for communication between two persons
- 32.** Galileo was an Italian Astronomer who
(A) Developed the Telescope
(B) Discovered four satellites of Jupiter
(C) Discovered that the movement of Pendulum produces a regular time measurement
(D) Discovered all of the above
- 33.** Famous sculptures built sometime during 950 A.D.–1050 A.D. depicting the art of love are seen in
(A) Khajuraho Temples
(B) Taj Mahal
(C) Mahabalipuram Temples
(D) All of the above
- 34.** The first Film and TV Institute of India was established at
(A) Bangalore (Karnataka)
(B) Kolkata (West Bengal)
(C) Pune (Maharashtra)
(D) Rajkot (Gujarat)
- 35.** Ecology deals with
(A) Birds Sanctuary
(B) Tiger Project in Sunderban
(C) Relation between organisms and their environment
(D) Tissue Culture
- 36.** The National Anthem of Independent India 'Jana Gana Mana' was first sung in the year
(A) 1911
(B) 1913
(C) 1935
(D) 1942
- 37.** Did any of the following Indians win the Nobel Prize in Physics?
(A) Sir J. C. Bose
(B) Dr. Hargobinda Khorana
(C) Dr. Vikram Sarabhai
(D) None of the above
- 38.** Who is the author of 'India Wins Freedom'?
(A) Jawaharlal Nehru
(B) Maulana Abul Kalam Azad
(C) Khan Abdul Gaffar Khan
(D) Mahatma Gandhi
- 39.** Generally Curriculum Planning is considered as Subsystem of
(A) Educational Management
(B) Education infrastructural facilities
(C) Educational Communication
(D) Educational Innovation
- 40.** The UGC had made a provision to reserve 10 % of the total Budget during 10th Five Year Plan for
(A) Border Universities and their constituent Colleges
(B) Central Universities
(C) North Eastern Universities and their constituent Colleges
(D) Southern Universities and their constituent Colleges
- 41.** The National Library in Kolkata was originally called
(A) Belvedere Library
(B) Imperial Library
(C) Calcutta Public Library
(D) Hastings House Library

42. The Regulatory Body of India's Capital market is
 (A) RBI
 (B) IRDA
 (C) SEBI
 (D) ICRA
43. GDP of a country tries to measure
 (A) Annual output
 (B) Domestic price level
 (C) Annual growth rate
 (D) Domestic investment
44. The Historical method is related with
 (A) The history oriented research only
 (B) The researches of History and Archaeology
 (C) The historical researches conducted in all the disciplines
 (D) None of the above
45. Half of 1 per cent written as a decimal is
 (A) 0.005
 (B) 0.05
 (C) 0.02
 (D) 0.2
46. If x and y be two odd numbers, then which of the following is even?
 (A) $x + y$
 (B) $x + y + 1$
 (C) xy
 (D) $xy + 2$
47. The ratio of the areas of two squares, one having its diagonal double than the other is
 (A) 2 : 1
 (B) 2 : 3
 (C) 3 : 1
 (D) 4 : 1
48. The number that does not match in the series: 3, 8, 15, 24, 34, 48, 63—
 (A) 15
 (B) 24
 (C) 34
 (D) 48
49. Two fair coins are tossed. The probability of getting at least one head is
 (A) $\frac{1}{2}$
 (B) $\frac{1}{3}$
 (C) $\frac{2}{3}$
 (D) $\frac{3}{4}$
50. The carrying capacity of a population is determined by its
 (A) Birth rate
 (B) Death rate
 (C) Limiting resource
 (D) Population growth rate
51. Which number will replace the question mark: 23, 29, 31, 37, 41, 43, ?
 (A) 45
 (B) 53
 (C) 43
 (D) 51
52. From 9 to 79, how many numbers are such which are divisible by 4 as well by 6?
 (A) 5
 (B) 6
 (C) 7
 (D) 4
53. Which will replace the question mark: Violet-Yellow, Blue-Red, Indigo— ?
 (A) White
 (B) Yellow
 (C) Black
 (D) Orange
54. *Statements* : Some leaves are green. Some mangoes are leaves.
Conclusions : (1) Some mangoes are green.
 (2) Some leaves are yellow.
 (A) Only *Conclusion* (1) follows
 (B) Only *Conclusion* (2) follows
 (C) Either (1) or (2) follows
 (D) Neither (1) nor (2) follows

55. A, B and C are intelligent; A, D and E are laborious; and D, C and E are honest; and A, B and E are ambitious. Which of the following are *not honest*?

- (A) A and B
- (B) A and C
- (C) A and E
- (D) A, B and C

56. What will go into the empty space?

- (A) 9
- (B) 11
- (C) 2
- (D) 15

6	16
5	25
4	36
81	

57. What is the name of the device that connects two computers by means of a telephone line?

- (A) Modem
- (B) Tape
- (C) Bus
- (D) Cable

58. A computer performs its all mathematical and logical calculations through

- (A) CPU
- (B) LAN
- (C) Memory Unit
- (D) Visual Display Unit

59. As 513 is related to 8 and 344 is related to 7, in the same way 126 is related to

- (A) 6
- (B) 5
- (C) 4
- (D) 3

60. Which will replace the question mark:

Video : Cassette : : Computer : ?

- (A) Reels
- (B) Floppy
- (C) Recording
- (D) J Files

ROUGH WORK

1300-I

A-10

ROUGH WORK

A-11

1300-I

ROUGH WORK

1300-I

A-12

ROUGH WORK