DR. BABASAHEB AMBEDKAR RESEARCH AND TRAINING INSTITUTE, (BARTI), PUNE

TEST PAPER

Dr. Babasaheb Ambedkar National Research Fellowship (BANRF)-2017

Name of the candidate:-_____

Write your SR. No

Subject:-_____ M. Phil/ Ph. D

Research title:-_____

_____

_____

DOB:-   /   /   Native Place:- _____

_____

Time-20 Min   **No.of Questions-20**

	Instruction to candidates	उमेदवारांसाठी सूचना
1	This paper contains 20 questions. Each question will carry 1/2 mark. All questions are compulsary	या प्रश्नपत्रिकेमध्ये एकूण 50 प्रश्न आहेत. प्रत्येक प्रश्नाला अर्धा गुण आहे. सर्व प्रश्न सोडविणे आवश्यक आहे.
2	Each question has four alternative responses marked (A), (B), (C) and (D). You have to write your response in the Answer sheet.	प्रत्येक प्रश्नासाठी चार पर्यायी उत्तरे दिलेली आहेत.A ,B ,C आणि D यापैकी योग्य उत्तर उत्तरपत्रिकेवर लिहावे.
3	Rough Work is to be done at the end of this booklet.	कच्चे काम प्रश्नपत्रिकेच्या शेवटी करावे.
4	Use of any calculator or log table, etc., is prohibited.	कॅलक्युलेटर किंवा लॉगटेबल वापरण्यास बंदी आहे.
5	There is no negative marking for incorrect answers	चुकीच्या उत्तरासाठी गुण वजा होणार नाही.
6	Any change of response by scratching or overwriting, you will be render yourself to disqualification.	उत्तरात बदल केल्यास अपात्र ठराल.

ANSWER SHEET

Question No	Answer	Question No	Answer
1		15	
2		16	
3		17	
4		18	
5		19	
6		20	
7			
8			
9		…………………………….Sign	
10		Of the Candidate	
11			
12			
13			
14			

Total Marks Obtained

Sign of Paper Examiner

1. **Statement:** "You are hereby appointed as a programmer with a probation period of one year and your performance will be reviewed at the end of the period for confirmation." - A line in an appointment letter

   Assumptions:

   I . The performance of an individual generally is not known at the time of appointment offer.

   II Generally an individual tries to prove his worth in the probation period.

   A. Only assumption I is implicit
   B. Only assumption II is implicit
   C. Either I or II is implicit
   D. **Both I and II are implicit**

2. A right triangle with sides 3 cm, 4 cm and 5 cm is rotated the side of 3 cm to form a cone. The volume of the cone so formed is:

   A. 12π cm^3
   B. 15π cm^3
   C. 16π cm^3
   D. 20π cm^3

3. August 19 is celebrated as _____.

   A. World Breastfeeding Week
   B. International Forgiveness Day
   C. World Photography Day
   D. Montreal World Film Festival

4. Any numerical value calculated from sample data is called
   A. Error
   B. Statistic
   C. Bias
   D. Mean

5. Cumulative Frequency is _____ frequency
    A. Increasing
    B. Decreasing
    C. Fixed
    D. None of These

6. Which of the following is *not* a correct statement about a probability.
    A. It must have value between 0 and 1
    B. It can be reported as a decimal or a fraction
    C. A value near 0 means that event is not likely to occur / happens.
    D. It is the collection of several

7. Permanent Secretariat to coordinate the implementation of SAARC programme is located at

    A. Dhaka
    B. New Delhi
    C. Colombo
    D. Kathmandu

8. If $a = 0.1039$, then the value of $4a^2 - 4a + 1 + 3a$ is:
    A. 0.1039
    B. 0.2078
    C. 1.1039
    D. 2.1039

9. Ten new television shows appeared during the month of September. Five of the shows were sitcoms, three were hour-long dramas, and two were news-magazine shows. By January, only seven of these new shows were still on the air. Five of the shows that remained were sitcoms.
    A. Only one of the news-magazine shows remained on the air.
    B. Only one of the hour-long dramas remained on the air.
    C. At least one of the shows that was cancelled was an hour-long drama.
    D. Television viewers prefer sitcoms over hour-long dramas.

10. Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are:45 %
    A. 39,30
    B. 41,32

C. 42,33

D. 43,34

11. Nuclear sizes are expressed in a unit named

A. Fermi

B. Angstrom

C. Newton

D. Tesla

12. Which of the following is a non metal that remains liquid at room temperature?

A. Phosphorous

B. Bromine

C. Chlorine

D. Helium

13. When a computer is booting, BIOS is loaded to the memory by

A. RAM

B. ROM

C. CD-ROM

D. TCP

14. 'Lahar" is the natural Disaster involving

A. Eruption of large amount of material

B. Strong winds

C. Strong water waves

D. Strong water and winds waves

15. Who among the following is the defacto executive head of Planning Commission?

A. Chairman

B. Deputy Chairman

C. Minister of State Planning

D. Member Secretary

16. If a card is chosen from a standard deck of cards, what is the probability of getting a five or a seven?

A. 4/52

B. 1/26

C. 8/52

D. 1/169

17. Education as a subject of legislation figures in

A. Union list

B. State list

C. Concurrent list

D. residuary powers

18. Which of the following universities has adopted the meta university concept ?

    A. Aasam University

    B. Delhi University

    C. Hyderabad University

    D. Pondichary University

19. In a thesis, figures and tables are included in

    A. The appendix

    B. A separate chapter

    C. The concluding chapter

    D. The text itself

20. In certain coding method, the word QUESTION is encoded as DOMESTIC. In this coding, what is the code word for the word RESPONSE?

    A. OMESUCEM

    B. OMESICSM

    C. OMESICEM

    D. OMESISCM

ROUGH WORK