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	उमेदवारांना सूचना
1	This paper contains 20 questions. Each question will carry 1/2 mark. All questions are compulsory	या प्रश्नावलीमध्ये एकूण 50 प्रश्न आहे. प्रत्येक प्रश्नास अर्धा गुण आहेत. सगळे प्रश्न सोडविणे आवश्यक आहेत.
2	Each question has four alternative responses marked (A), (B), (C) and (D). You have to write your response in the Answer sheet.	प्रत्येक प्रश्नामध्ये चार पर्यायी प्रतिसाद चिन्हांकीत केलेले आहेत.A ,B ,C किंवा D यापैकी योग्य उत्तर उत्तरपत्रिकेत लिहावे.
3	Rough Work is to be done at the end of this booklet.	कच्चे काम करण्यासाठी प्रश्नपत्रिकेतील शेवटचे पान वापरावे.
4	Use of any calculator or log table, etc., is prohibited.	कॅलकुलेटर तसेच लॉगटेबल यांचा वापर प्रतिबंधीत आहे.
5	There is no negative marking for incorrect answers	अयोग्य उत्तरास नाकारात्मक गुण नाहीत.
6	Any change of response by scratching or overwriting, you will be render yourself to disqualification.	उत्तर पत्रीकेवर कोणत्याही प्रकारची खाडाखोड आढळून आल्यास सदर उमेदवाराची पात्रता करण्यात येईल.

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

PAPER

1. A Personal Computer uses a number of chips mounted on a circuit board called
   (A) Microprocessor
   (B) System Board
   (C) Daughter Board
   (D) Mother Board

2. The second most important source after fossil fuels contributing to India's energy needs is
   (A) Solar energy
   (B) Nuclear energy
   (C) Hydropower
   (D) Wind energy

3. Which of the following is not a measure of Human Development Index ?
   (A) Literacy Rate
   (B) Gross Enrolment
   (C) Sex Ratio
   (D) Life Expectancy

4. Given that in a code language, '645' means 'day is warm'; '42' means 'warm spring' and '634' means 'spring is sunny'; which digit represents 'sunny' ?
   (A) 3
   (B) 2
   (C) 4
   (D) 5

5. In the expression 'Nothing is larger than itself' the relation 'is larger than' is
   (A) Antisymmetric
   (B) Asymmetrical
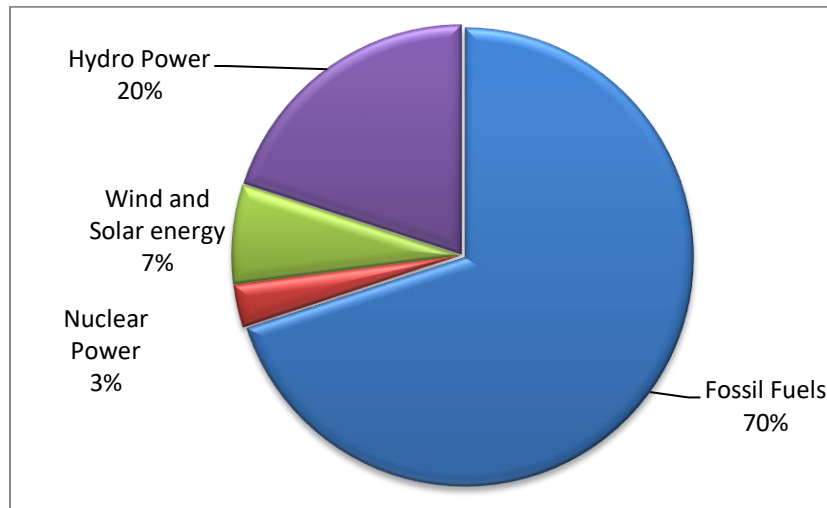   (C) Intransitive
   (D) Irreflexive.

6. If the proposition "All men are notmortal" is true then which of the following inferences is correct ? Choose from the code given below :

1. "All men are mortal" is true.

2. "Some men are mortal" is false.

3. "No men are mortal" is doubtful.

4. "All men are mortal" is false.

Code :

(A) 1, 2 and 3

(B) 2, 3 and 4

(C) 1, 3 and 4

(D) 1 and 3

The total electricity generation in a country is 97 GW. The contribution of various energy sources is indicated in percentage terms in the Pie Chart given below ;

7 . What is the contribution of wind and solar power in absolute terms in the electricity generation ?

(A) 6.79 GW

(B) 19.4 GW

(C) 9.7 GW

(D) 29.1 GW

8. What is the contribution of renewable energy sources in absolute terms in the electricity generation ?

(A) 29.1 GW

(B) 26.19 GW

(C) 67.9 GW

(D) 97 GW

9. Internet explorer is a type of

(A) Operating System

(B) Compiler

(C) Browser

(D) IP address

10. Which of the following is not a   renewable natural resource ?

(A) Clean air

(B) Fertile soil

(C) Fresh water

(D) Salt

11. S and P waves are associated with

(A) Floods

(B) Wind energy

(C) Earthquakes

(D) Tidal energy

12. The research that aims at immediate application is

(A) Action Research

(B) Empirical Research

(C) Conceptual Research

(D) Fundamental Research

13 . Research ethics do not include

(A) Honesty

(B) Subjectivity

(C) Integrity

(D) Objectivity

14. The price of petrol increases by 25%. By what percentage must a customer reduce the consumption so that the earlier bill   on the petrol does not alter ?

   (A) 20%

   (B) 25%

   (C) 30%

   (D) 33.33%

15. We use the Factotial Analysis

   A) To know the relationship between two variables

   B) To test the Hypothesis

   C) To know difference between two variables

   D) To know difference among many variables

16. Which is not 24 Hours news channel

   A) NDTV 24*7

   B) ZEE News

   C) AajTak

   D) Lok sabha Channel

18. Insert the missing number in the following

   3, 8, 18, 23, 33 ,? ,48

   A) 37

   B) 40

   C) 38

   D) 45

19. When the Government of India implement "The Human Rights Act"?

   A) 2005

   B) 2003

   C) 1993

   D) 1994

20 The file extension of MS-Word document in office 2007 is

    A) .pdf

    B) .doc

    C) .docx

    D) .txt

ROUGH WORK