



The ICFAI University, Dehradun
Ph.D. Entrance Examination, 2022
IUDRET-2022
Question Booklet

EDUCATION

Signature and Name of Invigilator

1. (Signature) _____

(Name) _____

2. (Signature) _____

(Name) _____

OMR Sheet No.:
(To be filled by the Candidate)

Application No.

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(To be filled by the Candidate)

[Time: 2 Hours]

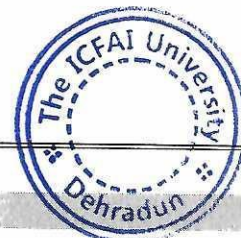
[Maximum Marks: 50]

Number of Pages in this Booklet: 08

Number of Questions in this Booklet: 50

General Instructions:-

1. Write your application number in the space provided on the top of this page.
2. This question booklet consists of fifty multiple-choice types of questions.
3. At the commencement of examination, the question booklet will be given to you. In the first 5 minutes, you are required to open the question booklet and compulsorily examine it as below:
 - (i) To have access to the question booklet, tear off the paper seal on the edge of this cover page. Do not accept a question booklet without sticker-seal and do not accept an open question booklet.
 - (ii) Tally the number of pages and number of questions in the booklet with the information printed on the cover page. Faulty question booklet due to pages/questions missing or duplicate or not in serial order or any other discrepancy should be got replaced immediately by a correct question booklet from the invigilators within the period of 5 minutes. Afterwards, neither the question booklet will be replaced nor any extra time will be given.
 - (iii) After this verification is over, the OMR Sheet Number should be entered on this question booklet.
4. Each item has four alternative responses marked (A), (B), (C) and (D). You have to darken the circle as indicated below the correct response against each item.
Example : (A) (B) ● (D) where (C) is the correct response.
5. Your responses to the items are to be indicated in the **OMR Sheet**. If you mark at any place other than in the circle in the OMR Sheet, it will not be evaluated.
6. Rough Work is to be done in the space provided in the question booklet.
7. You have to return the question booklet and Original OMR Sheet to the invigilators at the end of the examination compulsorily and must not carry it with you outside the Examination Hall. You are, however, allowed to carry duplicate copy of OMR Sheet on conclusion of examination.
8. Use only Blue/Black Ball point pen.
9. Use of any calculator or log table etc., is prohibited.
10. There is no negative marks for incorrect answers.



EDUCATION

Note: This question booklet contains **fifty (50)** objective type questions, each question carrying **one (01)** marks. Attempt **all** the questions.

1. The depth of any research can be judged by
 - (A) The title of the research
 - (B) Objective of the research
 - (C) Total expenditure on the research
 - (D) Duration of the research

2. In the context of survey research, the following steps are taken in certain order. Which of the following options represent the correct order?
 1. Sampling
 2. Inference
 3. Data Analysis
 4. Data Collection
 - (A) 2, 3, 1, 4
 - (B) 1, 4, 3, 2
 - (C) 3, 2, 4, 1
 - (D) 4, 1, 2, 3

3. The verification that the method of measurement actually measures what it is expected to measure is known as
 - (A) Content validity
 - (B) Face validity
 - (C) Construct validity
 - (D) Criterion validity

4. A null hypothesis is
 - (A) When there is no difference between the variables
 - (B) The same as research hypothesis.
 - (C) Subjective in nature.
 - (D) When there is difference between the variables

5. Which of the following can best be described as a categorical variable?
 - (A) Weight
 - (B) Annual income
 - (C) Grade point average
 - (D) Religion

6. Research is not considered ethical if it
 - (A) Tries to prove a particular point
 - (B) Does not ensure privacy and anonymity of the respondent.
 - (C) Does not investigate the data scientifically.
 - (D) Is not of a very high standard.

7. 'Shodhganga' is a repository of
 - (A) E-Resources
 - (B) E-theses
 - (C) E-journals
 - (D) E-books

8. Sampling frame is a term used for
 - (A) A list of random numbers
 - (B) A list of voters
 - (C) A list of sampling units of population
 - (D) None of the above



9. Match the following:

List – I (Research Type)	List – II (Characteristics)
a. Historical method	1. Past event
b. Survey method	2. Vision
c. Philosophical method	3. Present events
d. Experimental method	4. Future Action

Codes:

	a	b	c	d
(A)	1	3	2	4
(B)	1	2	3	4
(C)	1	4	2	3
(D)	2	1	4	3

10. If 40% of the people read newspaper X, 50% read newspaper Y, and 10% read both the papers, then what percentage of the people read neither of the newspaper?

- (A) 10%
- (B) 15%
- (C) 20%
- (D) 25%

11. The average weight of 8 persons increases by 2.5 kg when a person weighing 60 kg is replaced by a new person. What might be the weight of the new person?

- (A) 76 kg.
- (B) 76.5 kg
- (C) 80 kg.
- (D) Data inadequate

12. The institution promoted by the Department of IT to provide communication infrastructure and services to academic research institutions in India is

- (A) INFLIBNET
- (B) UGC
- (C) ERNET
- (D) None of the above

13. A process by which we estimate the value of dependent variable on the basis of one or more independent variable is called?

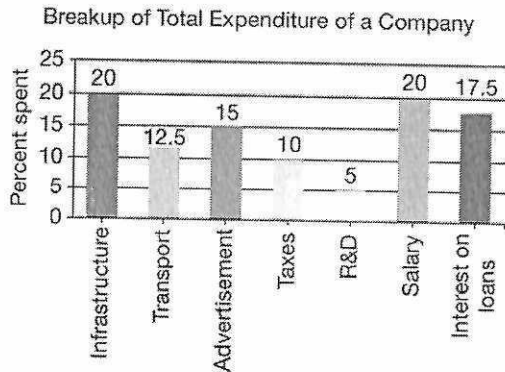
- (A) Correlation
- (B) Regression
- (C) Residual
- (D) Slope

14. If the S.D. of a set of observations is 4 and if each observation is divided by 4, find the S.D. of the new observations.

- (A) 4
- (B) 16
- (C) 2
- (D) 1



Directions: The bar graph given below shows the percentage distribution of the total expenditures of a company under various expense heads during 2003. Study it and answer questions 15 to 18.



15. The total amount of expenditure of the company is how many times the expenditure on research and development?
- (A) 27
(B) 20
(C) 18
(D) 8
16. If the expenditure on advertisement is 2.10 crore, then the difference between the expenditure on transport and taxes is
- (A) 1.25 crore
(B) 95 lakhs
(C) 65 lakhs
(D) 35 lakhs
17. The expenditure on the interest on loans is by what percent more than the expenditure on transport?
- (A) 5%
(B) 10%
(C) 20%
(D) 40%

18. What is the ratio of the total expenditure on infrastructure and transport to the total expenditure on taxes and interest on loans?
- (A) 5:4
(B) 8:7
(C) 9:7
(D) 13:11
19. The probability of impossible event is:
- (A) 0
(B) 1
(C) Infinite
(D) Insufficient Data.
20. Which of the following is one dimensional?
- (A) Bar diagram
(B) Pie-chart
(C) Cylinder
(D) A graph.
21. Which of the following statement is correct?
- (A) Education is an Art
(B) Education is a science
(C) It is neither an art nor science
(D) To some extent it is an art and to some extent it is science
22. What is the main centre of informal Education?
- (A) Society
(B) Family
(C) Television
(D) All the above



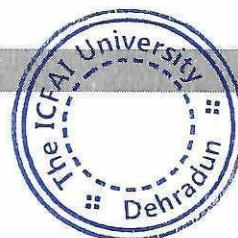
23. Which is not the natural aim of Naturalism?
- Education the notion of mans evolution from lower forms of life
 - To equip the individual or the nation for struggle for existence so as to ensure survival
 - To help the pupils to learn to be in harmony with and well adapted to their surroundings
 - To inculcate ethical and moral values in the pupil
24. Which branch of philosophy examines issues pertaining to the nature of reality?
- Ontology
 - Metaphysics
 - Axiology
 - Epistemology
25. The theory of Nyaya is based on
- Anekantvada
 - Ekantvada
 - Both
 - Neither
26. Which of the following does not favour social aims of education?
- Man is born in the society, hence good of the society comes first
 - Man lives in the society which satisfies his needs
 - Man is one single unit but society is many units in one Neither
 - Society gives the individual an opportunity to express himself and develop his potentialities
27. Which school calls the classroom unnecessary?
- Idealism
 - Marxism
 - Naturalism
 - Pragmatism
28. The aim of liberal education is:
- Attainment of freedom
 - Promotion of internationalism.
 - Fullest development of the individual
 - All the above.
29. Wider use of educational technology was justified by:
- Realist
 - Idealist
 - Pragmatist
 - Existentialist
30. Who believed that philosophy issues from education rather than the other way round?
- Idealist
 - Realist
 - Pragmatist
 - Naturalist
31. Which of the following type represent Vivekananda's contribution to education?
- Integral Education
 - Basic Education
 - Education for man making
 - Education for international understanding



32. The ultimate aim of education according to Gandhi's was to help the individuals to be:
- (A) Gainfully employed in life Allport
 - (B) Peaceful and happy in life
 - (C) Able to acquire as much as possible from the ocean of knowledge
 - (D) Able to grow into divine human beings by realizing Godliness
33. Rabindranath Tagore was a naturalist because he said about children that:
- (A) They should be made to develop into complete human beings
 - (B) They should be given full freedom to live in natural environment
 - (C) They should be acquainted with ideals and values of national culture
 - (D) They should be educated for national integration
34. The difference between nationalism, patriotism does not relate to:
- (A) Patriotism as love for the country
 - (B) Nationalism as love for the country and mankind
 - (C) Fighting for the country in case of invasion
 - (D) Patriotism as an older concept.
35. The most important trait of philosophy is:
- (A) Criticism
 - (B) Synthesis
 - (C) Analysis
 - (D) None of the above
36. Who propounded Pragmatism in Education?
- (A) Plato
 - (B) John Dewey
 - (C) Rousseau
 - (D) Russell
37. According to psychology all education is:
- (A) Conscious
 - (B) Deliberate
 - (C) Functional
 - (D) Self-Education
38. Who said intelligence is the General Ability?
- (A) Spearman
 - (B) Terman
 - (C) Ebbinghaus
 - (D) All of the above
39. If you were asked to select apprentice for watch repairing training which one of the following test would you use:
- (A) Non-Verbal Intelligence test
 - (B) Verbal mechanical aptitude test
 - (C) Tweezers Dexterity test
 - (D) Artistic ability test



40. Analogies test is a test of:
(A) Aptitude
(B) Specific ability
(C) Imagination
(D) Intelligence
41. A cognitive theory of Motivation is illustrated by the drive:
(A) Aggression
(B) Achievement
(C) Hunger
(D) Dependency
42. Group Factor Theory of Intelligence is related to:
(A) Burt
(B) Hull
(C) Spearman
(D) Thompson
43. Fluid and Crystallize Theories are related to:
(A) Hebb and Catell
(B) Guilford's and Eysenck
(C) Burt and Vernon
(D) None of the above
44. WAIS as administered to the age group of:
(A) 17-27
(B) 15-64
(C) 16-54
(D) 12-64
45. Intelligence is the ability:
(A) To learn
(B) To adjust oneself to new situation
(C) To think in terms of ideas
(D) To do all the above
46. Which is not included in special provisions for dealing with gifted children?
(A) Acceleration
(B) Adaptation
(C) Ability Grouping
(D) Scheme of special scholarships
47. According to Freud children pass through all the following psychological stage except:
(A) Genital
(B) Phallic
(C) Oral
(D) Autoerotic
48. Characteristic of a good measuring tool has:
(A) Reliability
(B) Validity
(C) Objectivity
(D) All the above
49. When did India adopt Goal 4 (SDG4) of the 2030 Agenda for Sustainable Development?
(A) 2020
(B) 2015
(C) 2030
(D) 2025



50. What are the classes which cover the “Preparatory “stage according to NEP 2020 new curricular structure?

- (A) Class 6 to 9
 - (B) Class 3 to 5
 - (C) Class 6 to 8
 - (D) Class 1 to 2
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