

SAMPLE QUESTIONS FOR Ph.D ENTRANCE

1. Formulation of hypothesis may not be necessary in

- a. survey studies
- b. fact finding (historical) studies ✓
- c. normative studies
- d. experimental studies

2. Logic of induction is very close to

- a. the logic of sampling ✓
- b. the logic of observation
- c. the logic of the controlled variable
- d. none of the above

3. The probability of a head and a tail of tossing four coins simultaneously is

- a. 1/8
- b. 1/16 ✓
- c. 1/4
- d. 1/64

4. While writing research report a researcher

- a. must not use the numerical figures in numbers in the beginning of sentences
- b. must arrange it in logical, topical and chronological order
- c. must compare his results with those of the other studies
- d. all of the above ✓

5. If you are doing experiment on a large group of sample which method of controlling will you adopt ?

- a. matching
- b. randomization ✓
- c. elimination and matching both
- d. elimination

6. A good hypothesis should be

- a. precise, specific and consistent with most known facts
- b. formulated in such a way that it can be tested by the data
- c. of limited scope and should not have global significance
- d. all of these ✓

7. All causes non sampling errors except

- a. faulty tools of measurement
- b. inadequate sample ✓
- c. non response

d. defect in data collection

8. For doing external criticism (for establishing the authenticity of data) a researcher must verify:

- a. the signature and handwriting of the author
- b. the paper and ink used in that period which is under study
- c. style of prose writing of that period
- d. all of the above ✓

9. Survey study aims at:

- (i) knowing facts about the two existing situation
- (ii) comparing the present status with the standard norms
- (iii) criticising the existing situation
- (iv) identifying the means of improving the existing situation

- a. (i) and (ii) only
- b. (i), (ii), and (iii) ✓
- c. (i), (ii), (iii) and (iv)
- d. (ii) and (iii) only

10. Nine years old children are taller than 7 years old ones. It is an example of

- a. vertical studies
- b. cross - sectional studies ✓
- c. case studies
- d. experimental studies

11. The historical research is different from experimental research in the process of

- a. replication
- b. the formulation of the hypothesis
- c. the hypothesis testing
- d. all of the above ✓

12. A research problem is feasible only when

- a. it is researchable
- b. it is new and add something to knowledge
- c. it has utility and relevance
- d. all of these ✓

13. Hypothesis cannot be stated in

- a. null and question form terms
- b. declarative terms
- c. general terms ✓
- d. directional terms

14. The validity and reliability of a research will be at stake when

- a. the author who is the source of information is biased, incompetent or dishonest
- b. the incident was reported after a long period of time from that of its occurrence
- c. the researcher himself is not competent enough to draw logical conclusions
- d. all of the above ✓

15. Seeing a very big rally it was reported that JD will win the election, the conclusion was based on :

- a. random sampling
- b. cluster sampling ✓
- c. systematic sampling
- d. purposive sampling

16. Study the table which shows the income of five persons, and answer the question that follows?

Year	A	B	C	D	E
1960	55000	22000	43000	30000	40000
1965	75000	21900	47000	40000	60000
1970	76000	21880	42350	50000	65000
1975	83300	21750	72350	60000	90000
1980	93335	20000	54050	70000	75000
1985	102335	17000	84060	80000	105000
1990	103225	10500	85000	90000	120000

Which of the following conclusion is not correct?

- a. There has been an increase in the income of A but slight and steady decline in the income of B from 1960 to 1990 ✓
- b. D and E have at least one property uncommon
- c. Percentage increase of A is higher than E
- d. C has fluctuating trend in his income

17. The review of the related study is important while undertaking a research because

- a. it avoids repetition or duplication
- b. it helps in understanding the gaps
- c. it helps the researcher not to draw illogical conclusions
- d. all of above ✓

18. Studying the social status of a population a researcher concluded that Mr. X is socially backward. His conclusion is

- a. wrong
- b. right
- c. inaccurate ✓

19. In order to augment the accuracy of the study a researcher

- a. should increase the size of the sample
- b. should be honest and unbiased
- c. should keep the variance high
- d. all of these ✓

20. Which of the following is a primary source of data ?

- a. personal records, letters, diaries, autobiographies, wills, etc.
- b. official records governments' documents, information preserved by social-religious organizations etc
- c. oral testimony. of traditions and customs
- d. all of the above ✓

21. A researcher wants to study the future of the Congress in India. For the study which tool is most appropriate for him?

- a. questionnaire ✓
- b. schedule
- c. interview
- d. rating scale

22. It is an example of negative correlation:

- a. an increase in population will lead to a shortage of food grains ✓
- b. poor intelligence means poor achievement in school
- c. corruption in India is increasing
- d. poor working condition retards output

23. The other name of independent variable for an experimental research is/are

- a. treatment variable
- b. experimental variable
- c. manipulated variable
- d. all of the above ✓

24. Which of the following is not the characteristic of a researcher ?

- a. he is a specialist rather than a generalist
- b. he is industrious and persistent on the trial of discovery
- c. he is not inspirational to his chosen field but accepts the reality
- d. he is not versatile in his interest and even in his native abilities ✓

25. Bibliography given in a research report

- a. helps those interested in further research and studying the problem from another angle
- b. makes the report authentic
- c. both (a) & (b) ✓
- d. none of the above

26. Collective psychology of the whole period is a theory which

- a. can explain all phase of historical development ✓
- b. means the psychology of the whole society
- c. means psychological approach of data collection
- d. all of the above

27. If the sample drawn does not specify any condition about the parameter of the population, it is called

- a. selected statistics
- b. distribution free statistics ✓
- c. census
- d. none of the above

28. 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. c and a
- c. a and d
- d. c, a and b

29. Nagarjuna Sagar Project is situated on the river:

- a. TUNGABHADRA
- b. CAUVERY
- c. KRISHNA ✓
- d. GODAVARI

30. Who said that members of the same species are not alike ?

- a. Darwin ✓
- b. Herbert Spencer
- c. Best
- d. Good