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1. Claiming sole authorship of research work which is in fact the result of collaboration of many writers is known as:  
(a) Fabrication (b) Falsification  
(c) Ghosting (d) Betrayal
2. What is the full form of 'CARE' set up by the UGC for promoting high quality research?  
(a) Committee for Academic Rating and Ethics (b) Consortium for Academic Research and Ethics  
(c) Credit Analysis and Research and Ethics (d) Council for Academic Research and Ethics
3. Which among the following research produces a 'Snapshot' of a population at a particular point in time?  
(a) Cross Sectional Research (b) Longitudinal Research  
(c) Trend Research (d) Panel Research
4. Which type of hypothesis is represented by the following statement?  
"There is a difference between high school students who are taught using team teaching and those who participate in cooperative learning in terms of their achievement in Science"  
(a) Null hypothesis (b) Directional hypothesis  
(c) Non-directional hypothesis (d) Alternate hypothesis
5. In which of the following research designs, the researcher studies the independent and simultaneous effects of two or more categorical independent treatment variables on a dependent variable?  
(a) Repeated measure design (b) Correlation design  
(c) Factorial design (d) Within group design
6. If a researcher would like to answer the following research question, then what type of research design he shall use?  
"What factors explain why high school students hold positive attitudes toward integrating technology in education"  
(a) Correlational Design (b) Survey Design  
(c) Experimental Design (d) Ethnographic Design
7. Causal comparative studies are related to which type of research?  
(a) Historical research (b) Experimental research  
(c) Descriptive research (d) Systematic research
8. Identify the central phenomenon studied in the following research study?  
The purpose of this qualitative study is to describe class room learning using the Internet for five high school students participating in a sign language class"  
(a) Class room learning using the Internet (b) High school students  
(c) Sign language (d) Language class
9. The software is a plagiarism checker:  
(a) Sound Forge (b) Turnitin  
(c) Fast Pencil (d) Grammarly

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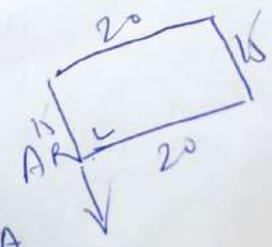
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10. The study of body language, gesture, postures, facial expressions and body movement is called:  
 (a) Forensic Science (b) Sign language  
 (c) Vocalics (d) Kinesics
11. The best type of Communication among the people of equal status in higher education is:  
 (a) Diagonal Communication (b) Horizontal Communication  
 (c) Cross Communication (d) Vertical Communication
12. "Who says what in which channel to whom with what effect", the Lasswell model of Communication, how many levels (parts) of communication are there?  
 (a) Three (b) Four  
 (c) Five (d) Six
13. The average of seven consecutive numbers is 49. What is the largest of these numbers?  
 (a) 52 (b) 47  
 (c) 49 (d) 50
14. Find the number in given series: 1, 8, 4, 27, 9, ?  
 (a) 8 (b) 9  
 (c) 64 (d) 16
15. The ratio of cost price and selling price is 4:5. The profit percent is:  
 (a) 10% (b) 20%  
 (c) 25% (d) 30%
16. Two numbers are in the ratio of 3:5 and if 10 be subtracted from each of them, the reminders are in the ratio of 1:5, then the numbers are:  
 (a) 12 and 20 (b) 15 and 20  
 (c) 20 and 24 (d) 12 and 24
17. The method of inductive reasoning was first proposed by:  
 (a) Aristotle (b) John Dewey  
 (c) Charles Darwin (d) Bacon
18. In a row of trees, a tree is 7<sup>th</sup> from left end and 14<sup>th</sup> from right end. How many trees are there in the row?  
 (a) 18 (b) 19  
 (c) 20 (d) 21
19. Mr. 'A' started walking towards East and after walking 20 meters, turned to his left and walked 15 meters. Then he turned his left and walked 20 meters. Again he turned his left and walked 15 meters. Now he is walking in which direction with respect to the starting point?  
 (a) South (b) North  
 (c) West (d) East
20. What will be the missing number in the series 196, 169, 144, \_\_\_\_\_, 100, 81?  
 (a) 121 (b) 120  
 (c) 119 (d) 118





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21. If AIRLINE is written as ENILRIA7, then RAILWAY will be written as:  
 (a) YAWLIAR7 (b) YAWLIAR8  
 (c) YAWILAR7 (d) YAWILAR8
22. IoT stands for:  
 (a) Internet of tasks  (b) Internet of things  
 (c) Information of Transit (d) Independence of Telephones
23. Online learning initiatives by seven IITs and IISc for National Programme on Technology Enhanced Learning (NPTEL) – a project of the MHRD (Ministry of Education) started in:  
 (a) 2003 (b) 2005  
 (c) 2015 (d) 2018
24. Which of the following open source e-learning platform has been developed by IIT Kanpur?  
 (a) e-Gyan  (b) e-Saraswati  
 (c) Brihaspati (d) Gyandarshan
25. The exterior of Taj Mahal is threatened because of:  
 (a) Carbon-dioxide (b) Chlorine  
 (c) Sulphur dioxide (d) Nitrogen
26. The Red Data Book provides data on:  
 (a) endangered plants and animals (b) red coloured endangered fishes  
 (c) red flower plant  (d) extinct plants
27. The headquarter of the International Union for Conservation (ICUN) is located at:  
 (a) Paris (b) Vienna  
 (c) New York (d) Gland
28. Global agreement in specific control strategies to reduce the release of ozone depleting substances was adopted by:  
 (a) The Vienna Convention (b) Rio de Janeiro Conference  
 (c) The Montreal Protocol  (d) The Kyoto Protocol
29. Which among the following is not a greenhouse gases?  
 (a) Hydro fluorocarbons (HFC's) (b) Nitrous oxide (N<sub>2</sub>O)  
 (c) Methane (CH<sub>4</sub>)  (d) Nitrogen (N)
30. Clean Ganga Fund (CGF) was established in:  
 (a) 2014 (b) 2016  
 (c) 2018  (d) 2020
31. National Knowledge Commission was established on:  
 (a) 13 June 2008 (b) 13 July 2014  
 (c) 13 July 2002  (d) 13 June 2005



