

Subject : Creative Problem Solving, Innovation and Meaningful Research and Development

QBID : **CP1001**

SI.No.1: Which one of the following is NOT a characteristic of a creative person?

- | | |
|----------|----------------------|
| A | Ability to abstract |
| B | Originality |
| C | Re-definition skills |
| D | Fear of Failure |

A[Option ID=2401]
B[Option ID=2402]
C[Option ID=2403]
D[Option ID=2404]

QBID : **CP1002**

SI.No.2: The first step in Creative problem solving is:

- | | |
|----------|--------------------------------|
| A | Generating alternate solutions |
| B | Understanding the problem |
| C | Evaluating the alternatives |
| D | Developing a solution |

A[Option ID=2405]
B[Option ID=2406]
C[Option ID=2407]
D[Option ID=2408]

QBID : **CP1003**

SI.No.3: Elaboration in Creativity refers to:

- | | |
|----------|----------------------------------|
| A | Ability to define problems |
| B | Ability to generate varied ideas |
| C | Ability to abstract |
| D | Ability to fill-in the details |

A[Option ID=2409]
B[Option ID=2410]
C[Option ID=2411]
D[Option ID=2412]

QBID : **CP1004**

SI.No.4: Spontaneous flexibility refers to:

- | | |
|----------|--|
| A | Generating quantities of ideas |
| B | Change in direction of thinking without any instruction to do so |
| C | Ability to generate novel ideas |
| D | Ability to abstract |

A[Option ID=2413]
B[Option ID=2414]

C[Option ID=2415]
D[Option ID=2416]

QBID : **CP1005**

SI.No.5: Which of the following is a technique of generating ideas.

- | | |
|----------|-------------------|
| A | Attribute listing |
| B | Paired comparison |
| C | Must versus Not |
| D | Evaluation matrix |

A[Option ID=2417]
B[Option ID=2418]
C[Option ID=2419]
D[Option ID=2420]

QBID : **CP1006**

SI.No.6: The first step in brain writing technique is:

- | | |
|----------|--------------------------------|
| A | Discussion |
| B | Round Robin recording |
| C | Prioritization |
| D | Silent recording & elaboration |

A[Option ID=2421]
B[Option ID=2422]
C[Option ID=2423]
D[Option ID=2424]

QBID : **CP1007**

SI.No.7: The last step in the process of innovation is:

- | | |
|----------|------------------------------|
| A | Diffusion and implementation |
| B | Advocacy and screening |
| C | Experimentation |
| D | Commercialization |

A[Option ID=2425]
B[Option ID=2426]
C[Option ID=2427]
D[Option ID=2428]

QBID : **CP1008**

SI.No.8: In design thinking, prototype is developed at the stage of:

- | | |
|----------|----------|
| A | Discover |
| B | Define |
| C | Create |
| D | Evaluate |

A[Option ID=2429]
B[Option ID=2430]

C[Option ID=2431]
D[Option ID=2432]

QBID : **CP1009**

SI.No.9: Process innovation involves the:

- | | |
|----------|--|
| A | Development of a new service |
| B | Development of a new product |
| C | Implementation of a new method of production |
| D | Introducing organization wide Change |

A[Option ID=2433]
B[Option ID=2434]
C[Option ID=2435]
D[Option ID=2436]

QBID : **CP1010**

SI.No.10: Sixth generation innovation model is a:

- | | |
|----------|-----------------------|
| A | Network model |
| B | Open innovation model |
| C | Coupling model |
| D | Market pull model |

A[Option ID=2437]
B[Option ID=2438]
C[Option ID=2439]
D[Option ID=2440]

QBID : **CP1011**

SI.No.11: The correct sequence of stages in the development of a team is:

- | | |
|----------|--|
| A | Forming, Norming, Storming, Performing, Adjourment |
| B | Norming, Forming, Adjourment, Storming, Performing |
| C | Adjourment, Forming, Norming, Storming, Performing |
| D | Forming, Storming, Norming, Performing, Adjourment |

A[Option ID=2441]
B[Option ID=2442]
C[Option ID=2443]
D[Option ID=2444]

QBID : **CP1012**

SI.No.12: Team members are selected primarily on the basis of their:

- | | |
|----------|----------------|
| A | Age |
| B | Experience |
| C | Competence |
| D | Qualifications |

A[Option ID=2445]
B[Option ID=2446]

C[Option ID=2447]
D[Option ID=2448]

QBID : **CP1013**

Sl.No.13: The standards of behavior and performance for a team are normally developed at the stage of:

- A** Forming
- B** Norming
- C** Storming
- D** Performing

A[Option ID=2449]
B[Option ID=2450]
C[Option ID=2451]
D[Option ID=2452]

QBID : **CP1014**

Sl.No.14: In development of a team, conflict resolution and problem solving occur at the stage of:

- A** Forming
- B** Norming
- C** Storming
- D** Performing

A[Option ID=2453]
B[Option ID=2454]
C[Option ID=2455]
D[Option ID=2456]

QBID : **CP1015**

Sl.No.15: Formal adjournment is essential to:

- A** Motivate members to work again in future
- B** Finalize the report
- C** Finalize the expenditure
- D** Evaluate the work done

A[Option ID=2457]
B[Option ID=2458]
C[Option ID=2459]
D[Option ID=2460]

QBID : **CP1016**

Sl.No.16: Which of the following is NOT the purpose of education research?

- A** Answer philosophical questions
- B** Generate new knowledge
- C** Solve real life problems
- D** Evaluate the programmes, policies etc.

A[Option ID=2461]
B[Option ID=2462]
C[Option ID=2463]
D[Option ID=2464]

QBID : **CP1017**

Sl.No.17: Finding solutions to the real life problems is the purpose of:

- | | |
|----------|---------------------|
| A | Basic research |
| B | Applied research |
| C | Action research |
| D | Evaluation research |

A[Option ID=2465]
B[Option ID=2466]
C[Option ID=2467]
D[Option ID=2468]

QBID : **CP1018**

Sl.No.18: To evaluate the policies and programmes is the function of:

- | | |
|----------|---------------------|
| A | Applied research |
| B | Action research |
| C | Basic research |
| D | Evaluation research |

A[Option ID=2469]
B[Option ID=2470]
C[Option ID=2471]
D[Option ID=2472]

QBID : **CP1019**

Sl.No.19: The steps in undertaking research include:

- I Selecting and defining a problem
- II Collection of data
- III Analyzing the data & interpreting the results
- IV Selecting research design and describing procedure

The correct sequence of the steps involved in undertaking research is:

- | | |
|----------|---------------|
| A | I-II-III-IV |
| B | I-IV-II-III |
| C | I-III- IV- II |
| D | III-I-II-IV |

A[Option ID=2473]
B[Option ID=2474]
C[Option ID=2475]
D[Option ID=2476]

QBID : **CP1020**

Sl.No.20: Which of the following is the correct sequence of steps in selecting and describing procedure in the process of research?

A	Selecting a research design, selecting a sample, selecting statistical techniques for analyzing the data, selecting or developing measuring instruments
B	Selecting a research design, selecting a sample, selecting & developing measuring instruments, selecting statistical techniques for analyzing the data
C	Selecting a research design, selecting or developing measuring instruments, selecting statistical techniques for analyzing the data, selecting a sample
D	Selecting a sample, selecting research design, selecting & developing measuring instruments, selecting statistical techniques for analyzing the data
A[Option ID=2477] B[Option ID=2478] C[Option ID=2479] D[Option ID=2480]	

QBID : CP1021 SI.No.21: In case, you are interested in determining the relationship between the two variables, you will undertake:	
A	Descriptive research
B	Correlation research
C	Ex-post Facto research
D	Experimental research
A[Option ID=2481] B[Option ID=2482] C[Option ID=2483] D[Option ID=2484]	

QBID : CP1022 SI.No.22: If the purpose of your research is to establish true cause and effect relationship between the differential career guidance strategies and vocational maturity patterns of students, you will use	
A	Correlation research
B	Ex-post Facto research
C	Experimental research
D	Survey research
A[Option ID=2485] B[Option ID=2486] C[Option ID=2487] D[Option ID=2488]	

QBID : CP1023 SI.No.23: If the researcher is interested in studying the readiness of students of technical institutions for MOOCs, the type of research preferred will be:	
A	Correlation research
B	Experimental research
C	Descriptive research
D	Ex-post Facto research

A[Option ID=2489]
B[Option ID=2490]
C[Option ID=2491]
D[Option ID=2492]

QBID : **CP1024**

Sl.No.24: The process of developing and validating educational products is referred to as:

- | | |
|----------|----------------------------------|
| A | Applied research |
| B | Evaluation research |
| C | Basic research |
| D | Education research & development |

A[Option ID=2493]
B[Option ID=2494]
C[Option ID=2495]
D[Option ID=2496]

QBID : **CP1025**

Sl.No.25: If you are interested in studying the effect of blended learning on achievement in mobile communication and ability to work in teams of third year students, you will undertake:

- | | |
|----------|------------------------|
| A | Survey research |
| B | Case study research |
| C | Ex-post Facto research |
| D | Experimental research |

A[Option ID=2497]
B[Option ID=2498]
C[Option ID=2499]
D[Option ID=2500]

QBID : **CP1026**

Sl.No.26: The study on Determining the factors responsible for failure of an Electronics Company will use:

- | | |
|----------|---------------------------|
| A | Survey research |
| B | Content analysis research |
| C | Case study method |
| D | Correlation research |

A[Option ID=2501]
B[Option ID=2502]
C[Option ID=2503]
D[Option ID=2504]

QBID : **CP1027**

Sl.No.27: Which of the following is an example of case study research?

- | | |
|----------|--|
| A | Effect of soft skill training on the employability skills of students |
| B | Extent of implementation of TQM in an industry in Ludhiana |
| C | Effect of parental education on the performance of students in Board examination |

D	Strategies adopted by small scale industry in Punjab for increasing the market share
A[Option ID=2505] B[Option ID=2506] C[Option ID=2507] D[Option ID=2508]	

QBID : CP1028 SI.No.28: The hypothesis" There exists no significant difference in the achievement in the course on software development of boys and girls taught through active learning strategies and lecture method" is appropriate for a/an:	
A	Experimental study
B	Ex-post Facto study
C	Correlation study
D	Survey study
A[Option ID=2509] B[Option ID=2510] C[Option ID=2511] D[Option ID=2512]	

QBID : CP1029 SI.No.29: If you are interested in finding out the how the graduates from your institution have progressed in the teaching career during the last five years, you will undertake a/an:	
A	Case study
B	Experimental study
C	Tracer study
D	Content analysis research
A[Option ID=2513] B[Option ID=2514] C[Option ID=2515] D[Option ID=2516]	

QBID : CP1030 SI.No.30: In an ex-post facto study, the researcher can:	
A	Select groups randomly
B	Establish true cause and effect relationship
C	Establish tentative cause and effect relationship
D	Manipulate independent variable
A[Option ID=2517] B[Option ID=2518] C[Option ID=2519] D[Option ID=2520]	

QBID : CP1031 SI.No.31: Which of the following is the correct way of writing a reference for a journal article retrieved from a website?	

A	Jameson, J. (2013). E-Leadership in higher education: The fifth "age" of educational technology research. British Journal of Educational Technology, 44(6), 889-915. doi: 10.1111/bjet.12103
B	Jameson, J. (2013). E-Leadership in higher education: The fifth "age" of educational technology research. British Journal of Educational Technology, 44(6), 889-915. doi: 10.1111/bjet.12103
C	Jameson, J. (2013). E-Leadership in higher education: The fifth "age" of educational technology research. British Journal of Educational Technology, 44(6), 889-915. doi: 10.1111/bjet.12103
D	Jameson, J. (2013). E-Leadership in higher education: The fifth "age" of educational technology research. British Journal of Educational Technology, 44(6), 889-915. doi: 10.1111/bjet.12103
A[Option ID=2521] B[Option ID=2522] C[Option ID=2523] D[Option ID=2524]	

QBID : CP1032	
SI.No.32: The first step in the process of review of related literature is to:	
A	Formulate hypotheses for the study
B	Identify the key words
C	Identify the sources of the information
D	Abstract the information
A[Option ID=2525] B[Option ID=2526] C[Option ID=2527] D[Option ID=2528]	

QBID : CP1033	
SI.No.33: If you abstract similar information across previous research studies, it will help you in:	
A	Stating objectives
B	Formulating hypotheses
C	Selecting measuring tools
D	Synthesizing the review of related literature
A[Option ID=2529] B[Option ID=2530] C[Option ID=2531] D[Option ID=2532]	

QBID : CP1034	
SI.No.34: Synthesis of review of related literature is done at the stage of:	
A	Analyzing, organizing and reporting the literature
B	Abstracting the information
C	Identifying sources of information
D	Identifying key words to guide the search
A[Option ID=2533] B[Option ID=2534] C[Option ID=2535] D[Option ID=2536]	

QBID : **CP1035**

Sl.No.35: Which of the following is an example of secondary source of information?

A	Annotated Bibliography
B	Encyclopedia
C	References
D	Indexes
A[Option ID=2537] B[Option ID=2538] C[Option ID=2539] D[Option ID=2540]	

QBID : **CP1036**

Sl.No.36: Which of the following questions CANNOT be answered through research?

A	Are the institutions of higher learning ready to implement choice based credit system in various programmes?
B	Can the job success be predicted on the basis of final scores in three years diploma programme?
C	What is meant by Autonomy?
D	What are the students' reactions towards Choice based Credit system?
A[Option ID=2541] B[Option ID=2542] C[Option ID=2543] D[Option ID=2544]	

QBID : **CP1037**

Sl.No.37: The function of a research hypothesis is to:

A	Consider the problem in the form of a scientific statement
B	Link the research problem with the research question
C	Suggest a possible answer to a problem, based on available facts or information
D	Summarize the notion behind the research study
A[Option ID=2545] B[Option ID=2546] C[Option ID=2547] D[Option ID=2548]	

QBID : **CP1038**

Sl.No.38: In a study on ' Effect of micro credential course on the leadership, creative problem solving and team work skills of students', the independent variable is:

A	Leadership
B	Creative problem solving
C	Team work
D	Micro credential course.
A[Option ID=2549] B[Option ID=2550]	

C[Option ID=2551]
D[Option ID=2552]

QBID : **CP1039**

SI.No.39: Which of the following is NOT a characteristic of Action research?

- | | |
|----------|--|
| A | Context specific |
| B | Findings are applicable only to the sample studied |
| C | Rigorous controls are exercised |
| D | Undertaken by a practitioner |

A[Option ID=2553]
B[Option ID=2554]
C[Option ID=2555]
D[Option ID=2556]

QBID : **CP1040**

SI.No.40: An administrator wants to improve motivation of his employees by changing his leadership style, he will undertake:

- | | |
|----------|------------------|
| A | Applied research |
| B | Survey research |
| C | Action research |
| D | Basic research |

A[Option ID=2557]
B[Option ID=2558]
C[Option ID=2559]
D[Option ID=2560]

QBID : **CP1041**

SI.No.41: The variable that is manipulated in an experimental research is referred to as:

- | | |
|----------|----------------------|
| A | Control variable |
| B | Dependent variable |
| C | Extraneous variable |
| D | Independent variable |

A[Option ID=2561]
B[Option ID=2562]
C[Option ID=2563]
D[Option ID=2564]

QBID : **CP1042**

SI.No.42: Which of the following variables the researcher will not be able to manipulate?

- | | |
|----------|-------------------------------------|
| A | Instructional methods |
| B | Instructional media |
| C | Feedback |
| D | Previous attainments of the learner |

- A[Option ID=2565]
- B[Option ID=2566]
- C[Option ID=2567]
- D[Option ID=2568]

QBID : **CP1043**

SI.No.43: For a study "Type of industry, ownership and location as factors responsible for differentials in the salary, training & development and career progression of employees ', the method of research preferred will be:

- A** Survey research
- B** Ex-post Facto research
- C** Experimental research
- D** Case study research

- A[Option ID=2569]
- B[Option ID=2570]
- C[Option ID=2571]
- D[Option ID=2572]

QBID : **CP1044**

SI.No.44: To determine the effect of virtual training on the problem solving skills of students of ECE is an example of:

- A** Research objective
- B** Research question
- C** Directional hypothesis
- D** Non directional hypothesis

- A[Option ID=2573]
- B[Option ID=2574]
- C[Option ID=2575]
- D[Option ID=2576]

QBID : **CP1045**

SI.No.45: Which of the following is NOT an example of a research question for a descriptive study?

- A** What is the coverage of content in the videos produced by teachers for blended learning?
- B** What are the qualifications and teaching experience of teachers working in the polytechnics of Bhopal?
- C** What are the perceptions of students towards MOOCs?
- D** What is the effect of integration of case studies in teaching learning on the analytical ability of final year students of electrical engineering?

- A[Option ID=2577]
- B[Option ID=2578]
- C[Option ID=2579]
- D[Option ID=2580]

QBID : **CP1046**

SI.No.46: Which of the following is a directional hypothesis?

- A** Girls show significantly higher problem solving skills after structured industrial training than the boys

B	There are no significant differences in the problem solving skills of experimental and control group students
C	There are significant differences in the problem solving ability of experimental and control group students.
D	There is significant effect of structured industrial training on the problem solving skills of students.
A[Option ID=2581] B[Option ID=2582] C[Option ID=2583] D[Option ID=2584]	

QBID : CP1047 SI.No.47: In a study on 'Predicting effectiveness as a leader on the basis of self awareness, communication and emotional intelligence of engineers', which is the criterion variable?	
A	Emotional intelligence
B	Communication
C	Self awareness
D	Effectiveness of Leader
A[Option ID=2585] B[Option ID=2586] C[Option ID=2587] D[Option ID=2588]	

QBID : CP1048 SI.No.48: In an experimental study, if post-test only control group design is used, which of the following statistical technique can be used to study the mean differences?	
A	Chi-square
B	t- Test
C	ANOVA
D	ANCOVA
A[Option ID=2589] B[Option ID=2590] C[Option ID=2591] D[Option ID=2592]	

QBID : CP1049 SI.No.49: Which one of the following variables is dichotomous?	
A	Rural/Urban
B	Age
C	Intelligence
D	Achievement scores
A[Option ID=2593] B[Option ID=2594] C[Option ID=2595] D[Option ID=2596]	

QBID : **CP1050**

SI.No.50: If you are interested in finding out the differences in the readiness for MOOCs of male and female students studying in various years of four years degree programme in government and private engineering colleges of UP, you will prefer to select sample using:

- | | |
|----------|--------------------------------------|
| A | Simple random sampling technique |
| B | Systematic random sampling technique |
| C | Stratified random sampling technique |
| D | Cluster sampling technique |

A[Option ID=2597]
B[Option ID=2598]
C[Option ID=2599]
D[Option ID=2600]

QBID : **CP1051**

SI.No.51: If a researcher wants to identify the notes taking skills of the toppers of the various branches of engineering in the polytechnics of Kerala, the sampling technique used will be:

- | | |
|----------|------------------------|
| A | Cluster Sampling |
| B | Simple random Sampling |
| C | Purposive sampling |
| D | Systematic Sampling |

A[Option ID=2601]
B[Option ID=2602]
C[Option ID=2603]
D[Option ID=2604]

QBID : **CP1052**

SI.No.52: Which of the following techniques of sampling is not a Probability Sampling technique?

- | | |
|----------|----------------------------|
| A | Simple random sampling |
| B | Stratified random sampling |
| C | Purposive sampling |
| D | Cluster sampling |

A[Option ID=2605]
B[Option ID=2606]
C[Option ID=2607]
D[Option ID=2608]

QBID : **CP1053**

SI.No.53: Thirty is the minimum sample required for a:

- | | |
|----------|------------------------|
| A | Correlation research |
| B | Experimental research |
| C | Ex-post Facto research |
| D | Survey research |

A[Option ID=2609]
B[Option ID=2610]

C[Option ID=2611]
D[Option ID=2612]

QBID : **CP1054**

SI.No.54: If you are interested in studying the reasons for twenty-five students' missing the workshop practice classes in specific, you will prefer to select sample by using the technique of:

- A** Cluster sampling
- B** Purposive sampling
- C** Simple random sampling
- D** Stratified random sampling

A[Option ID=2613]
B[Option ID=2614]
C[Option ID=2615]
D[Option ID=2616]

QBID : **CP1055**

SI.No.55: If you decide to select a fixed number of male and female students sample from the population, the sampling technique used is:

- A** Quota sampling
- B** Systematic sampling
- C** Simple random sampling
- D** Purposive sampling

A[Option ID=2617]
B[Option ID=2618]
C[Option ID=2619]
D[Option ID=2620]

QBID : **CP1056**

SI.No.56: If you are interested in studying CEOs of companies who graduated from a particular technical institution during the year 1965-70, but have no information regarding the population but only a reference of a few CEOs from the concerned institution, the sampling technique preferred will be:

- A** Volunteer sampling technique
- B** Purposive sampling technique
- C** Simple random sampling technique
- D** Snowball sampling technique

A[Option ID=2621]
B[Option ID=2622]
C[Option ID=2623]
D[Option ID=2624]

QBID : **CP1057**

SI.No.57: Stratified random sampling technique will be appropriate when:

- A** Population is homogeneous
- B** Population is heterogeneous

C	Population is small
D	Population is large
A[Option ID=2625] B[Option ID=2626] C[Option ID=2627] D[Option ID=2628]	

QBID : **CP1058**

SI.No.58: If you are interested in collecting data on nature of questions posed , how those questions are posed and the feedback provided by teachers in the classrooms, the measuring instrument you would prefer will be a/an:

A	Interview schedule
B	Questionnaire
C	Observation schedule
D	Standardized Test
A[Option ID=2629] B[Option ID=2630] C[Option ID=2631] D[Option ID=2632]	

QBID : **CP1059**

SI.No.59: If you are interested in finding out how teachers deal with the students who create indiscipline in the class, you will prefer a/an:

A	Standardized Test
B	Observation schedule
C	Structured interview schedule
D	Semi-structured interview schedule
A[Option ID=2633] B[Option ID=2634] C[Option ID=2635] D[Option ID=2636]	

QBID : **CP1060**

SI.No.60: A schedule containing only the broad questions to be posed but not the specific questions, is an example of:

A	Semi structured interview schedule
B	Questionnaire
C	Structured interview schedule
D	Unstructured interview schedule
A[Option ID=2637] B[Option ID=2638] C[Option ID=2639] D[Option ID=2640]	

QBID : **CP1061**

Sl.No.61: In the process of development of questionnaire, questions/items are written after:	
A	Purpose of the study
B	Research objectives
C	Research questions
D	Criterion questions
A[Option ID=2641] B[Option ID=2642] C[Option ID=2643] D[Option ID=2644]	

QBID : CP1062 Sl.No.62: The item" Please tick mark the assessment methods used for assessing students' performance: • Assignments • Quizzes • Discussion • Seminar • Term Paper • Project work" is an example of:	
A	Multiple choice item
B	True/ False item
C	Multiple response type item
D	Matching type item
A[Option ID=2645] B[Option ID=2646] C[Option ID=2647] D[Option ID=2648]	

QBID : CP1063 Sl.No.63: If you are interested in determining the pass percentages from various programmes during last five years, you will prefer a/an:	
A	Standardized test
B	Questionnaire
C	Structured Interview schedule
D	Semi-structured interview schedule
A[Option ID=2649] B[Option ID=2650] C[Option ID=2651] D[Option ID=2652]	

QBID : CP1064 Sl.No.64: If more than one person is involved in collection of data/information through interviews, it is essential that:	
A	Training be provided to interviewers
B	Different interview schedules are used
C	Different aspects are assessed by different interviewers

D	Same person may be interviewed by more than one interviewer
A[Option ID=2653] B[Option ID=2654] C[Option ID=2655] D[Option ID=2656]	

QBID : CP1065	
SI.No.65: If the correlation between job autonomy and job satisfaction for engineering graduates is positive, it means	
A	Higher the job autonomy, higher is the job satisfaction of graduate engineers
B	Lower the job autonomy, higher is the job satisfaction of graduate engineers
C	Higher the job autonomy, lower is the job satisfaction of graduate engineers
D	With an increase in the job autonomy , there is no change in the scores in the job satisfaction of graduate engineers
A[Option ID=2657] B[Option ID=2658] C[Option ID=2659] D[Option ID=2660]	

QBID : CP1066	
SI.No.66: The researcher should pose the questions in the same sequence in case of:	
A	Questionnaire
B	Structured interview schedule
C	Semi-structured interview schedule
D	Unstructured interview schedule
A[Option ID=2661] B[Option ID=2662] C[Option ID=2663] D[Option ID=2664]	

QBID : CP1067	
SI.No.67: While collecting data through observation schedule, the researcher need NOT:	
A	Disturb the ongoing process
B	Record his/her comments
C	Pose questions
D	Rate the ongoing process
A[Option ID=2665] B[Option ID=2666] C[Option ID=2667] D[Option ID=2668]	

QBID : CP1068	
SI.No.68: In research, the question 'How well the results of an experimental research can be applied to other settings' concerns:	
A	Reliability

B	Internal validity
C	External validity
D	Practicality
A[Option ID=2669] B[Option ID=2670] C[Option ID=2671] D[Option ID=2672]	

QBID : CP1069 Sl.No.69: Highest score minus the lowest score in the distribution represents:	
A	Mean
B	Median
C	Range
D	Mode
A[Option ID=2673] B[Option ID=2674] C[Option ID=2675] D[Option ID=2676]	

QBID : CP1070 Sl.No.70: If you have Mean and SD of students achievement in five courses and you are interested in finding out the significance of mean differences, which of the following statistical technique you will use?	
A	Analysis of variance
B	Analysis of covariance
C	Chi- square
D	t-test
A[Option ID=2677] B[Option ID=2678] C[Option ID=2679] D[Option ID=2680]	

QBID : CP1071 Sl.No.71: In addition to other components, Funding proposal need to include:	
A	Rationale
B	Financial requirements
C	Objectives
D	Methodology
A[Option ID=2681] B[Option ID=2682] C[Option ID=2683] D[Option ID=2684]	

QBID : CP1072 Sl.No.72: Which of the following is NOT a part of a Research proposal?	
---	--

A	Objectives
B	Rationale
C	Review of related literature
D	Findings
A[Option ID=2685] B[Option ID=2686] C[Option ID=2687] D[Option ID=2688]	

QBID : CP1073 Sl.No.73: Which section of the proposal is likely to include objectives of the study in the research proposal?	
A	Introduction
B	Literature review
C	Proposed methodology
D	References
A[Option ID=2689] B[Option ID=2690] C[Option ID=2691] D[Option ID=2692]	

QBID : CP1074 Sl.No.74: In a research report, acknowledgement forms a part of:	
A	Preliminary material
B	Introduction
C	Methodology
D	Reference material
A[Option ID=2693] B[Option ID=2694] C[Option ID=2695] D[Option ID=2696]	

QBID : CP1075 Sl.No.75: Which of the following sections does NOT belong to the introductory section of a research report?	
A	Definitions of the terms
B	Description of Sample
C	Literature Review
D	Research Questions
A[Option ID=2697] B[Option ID=2698] C[Option ID=2699] D[Option ID=2700]	

QBID : CP1076	
----------------------	--

Sl.No.76: Which of the following is the structure of a thesis?

- | | |
|----------|---|
| A | Introduction, Methods and Procedure, Analysis of Data and Results, Summary and Conclusions, Review of related literature, References |
| B | Introduction, Methods and Procedure, References, Analysis of Data and Results, References, Review of related literature |
| C | Introduction, Review of related literature, Methods and Procedure, Analysis of Data and Results, Summary and Conclusions, References |
| D | Introduction, Review of related literature, Methods and Procedure, Analysis of Data and Results, References, Summary and Conclusions, |

A[Option ID=2701]
B[Option ID=2702]
C[Option ID=2703]
D[Option ID=2704]

QBID : **CP1077**

Sl.No.77: Commissioned evaluation is carried out in case of a:

- | | |
|----------|------------------------------------|
| A | Thesis |
| B | Research article |
| C | Externally Funded research project |
| D | Term Paper |

A[Option ID=2705]
B[Option ID=2706]
C[Option ID=2707]
D[Option ID=2708]

QBID : **CP1078**

Sl.No.78: Experimental procedure needs to be adequately explained in order to:

- | | |
|----------|--|
| A | Enhance internal validity |
| B | Facilitate replication of experiment by others |
| C | Generalize the findings of the study |
| D | Exercise appropriate controls |

A[Option ID=2709]
B[Option ID=2710]
C[Option ID=2711]
D[Option ID=2712]

QBID : **CP1079**

Sl.No.79: In case, you intend to apply for a project which is inter disciplinary in nature and your institution does not have all discipline specific expertise, you will:

- | | |
|----------|--|
| A | Not apply for the project |
| B | Submit partial proposal |
| C | Collaborate with experts from other organizations/Institutions |
| D | Ask your institution to hire persons with the needed expertise |

A[Option ID=2713]
B[Option ID=2714]

C[Option ID=2715]
D[Option ID=2716]

QBID : **CP1080**

SI.No.80: If teaching sessions are recorded for newly recruited faculty and then analyzed by the researcher for identifying strategies used by teachers to enhance student engagement, the method of research used is referred to as:

- | | |
|----------|-----------------------------|
| A | Content analysis |
| B | Participant observation |
| C | Non-participant observation |
| D | Interview |

A[Option ID=2717]
B[Option ID=2718]
C[Option ID=2719]
D[Option ID=2720]

QBID : **CP1081**

SI.No.81: $R \quad O_1 \quad X \quad O_2$
 $O_3 \quad O_4$ represents:

- | | |
|----------|--|
| A | Pretest post test control group design |
| B | Post test only control group design |
| C | Post test only design |
| D | One group pretest post test design |

A[Option ID=2721]
B[Option ID=2722]
C[Option ID=2723]
D[Option ID=2724]

QBID : **CP1082**

SI.No.82: Two tailed t-test will be preferred in case of:

- | | |
|----------|--|
| A | There is significant negative relationship between job success and mechanical aptitude possessed by graduate mechanical engineers. |
| B | There is significant positive correlation between job success and mechanical aptitude of graduate mechanical engineers. |
| C | There are no significant differences in the job success of students with high and low mechanical aptitude. |
| D | Students with high mechanical aptitude show significantly higher job success than the students with low aptitude, |

A[Option ID=2725]
B[Option ID=2726]
C[Option ID=2727]
D[Option ID=2728]

QBID : **CP1083**

SI.No.83: Which of the following is NOT applicable to a hypothesis?

A	Plausible
B	Developed prior to collection of data
C	Testable
D	Stated in question form
A[Option ID=2729] B[Option ID=2730] C[Option ID=2731] D[Option ID=2732]	

QBID : CP1084 SI.No.84: In case, the previous studies provide contradictory findings related to the relationship between autonomy to institution and achievement of students, which one of the following will be an appropriate hypothesis?	
A	There exists significant relationship between the institutional autonomy and student achievement
B	Higher the institutional autonomy higher will be the student achievement
C	Higher the institutional autonomy, lower will be the student achievement
D	There exists no relationship between institutional autonomy and achievement of students
A[Option ID=2733] B[Option ID=2734] C[Option ID=2735] D[Option ID=2736]	

QBID : CP1085 SI.No.85: For collecting data through semi-structured interviews, the researcher need to possess the skill of:	
A	Decision making
B	Interpreting the non-verbal behavior
C	Problem solving
D	Negotiation skills
A[Option ID=2737] B[Option ID=2738] C[Option ID=2739] D[Option ID=2740]	

QBID : CP1086 SI.No.86: If you are interested in studying the effect of positive and negative feedback provided during instruction on the motivation and achievement of students, you will manipulate the variable of:	
A	Achievement
B	Feedback
C	Motivation
D	Instructional strategy
A[Option ID=2741] B[Option ID=2742] C[Option ID=2743] D[Option ID=2744]	

QBID : **CP1087**

SI.No.87: Application of scientific method to finding solution to the real life problem is referred to as:

A	Logical reasoning
B	Inductive reasoning
C	Deductive reasoning
D	Research
A[Option ID=2745] B[Option ID=2746] C[Option ID=2747] D[Option ID=2748]	

QBID : **CP1088**

SI.No.88: While evaluating sample for the study, the criteria should include:

A	Representative of the population
B	Reliable
C	Valid
D	Objective
A[Option ID=2749] B[Option ID=2750] C[Option ID=2751] D[Option ID=2752]	

QBID : **CP1089**

SI.No.89: A research report presents conclusions based on:

A	Impression
B	Investigation
C	Belief
D	Intuition
A[Option ID=2753] B[Option ID=2754] C[Option ID=2755] D[Option ID=2756]	

QBID : **CP1090**

SI.No.90: Type I error is made when:

A	Null hypothesis is accepted though the differences actually exist.
B	Null hypothesis is rejected although no significant differences exist
C	Directional hypothesis is rejected although true differences exist
D	Alternate hypothesis is accepted though no true differences actually exist
A[Option ID=2757] B[Option ID=2758] C[Option ID=2759] D[Option ID=2760]	

QBID : **CP1091**

Sl.No.91: Which of the following may be one of the criteria for evaluating Introduction in a research report?

A	Concise abstract
B	Correct title
C	Accuracy of Table of contents
D	Adequate justification for the problem
A[Option ID=2761] B[Option ID=2762] C[Option ID=2763] D[Option ID=2764]	

QBID : **CP1092**

Sl.No.92: While evaluating the Chapter on Analysis of Data & Interpretation of results, The evaluation criteria must include:

A	Adequacy
B	Brevity
C	Accuracy
D	Relevance
A[Option ID=2765] B[Option ID=2766] C[Option ID=2767] D[Option ID=2768]	

QBID : **CP1093**

Sl.No.93: References as per APA style are presented in:

A	Alphabetical order
B	Chronological order
C	The sequence in which they appear in text
D	Random order
A[Option ID=2769] B[Option ID=2770] C[Option ID=2771] D[Option ID=2772]	

QBID : **CP1094**

Sl.No.94: The preliminary section of the research report does NOT include:

A	Acknowledgement
B	List of Tables
C	List of Figures
D	List of references
A[Option ID=2773] B[Option ID=2774]	

C[Option ID=2775]
D[Option ID=2776]

QBID : **CP1095**

SI.No.95: In the process of arriving at specific research problem, list of relevant facts and explanation is generated after:

- | | |
|----------|-----------------------------------|
| A | Enlisting the possible factors |
| B | Elimination of irrelevant factors |
| C | Basic assumptions |
| D | Identifying research situation |

A[Option ID=2777]
B[Option ID=2778]
C[Option ID=2779]
D[Option ID=2780]

QBID : **CP1096**

SI.No.96: While evaluating interpretation of findings, which of the following criterion is NOT considered?

- | | |
|----------|------------------------------------|
| A | Accuracy |
| B | Supported by previous studies |
| C | Reasons cited for results obtained |
| D | Description of population |

A[Option ID=2781]
B[Option ID=2782]
C[Option ID=2783]
D[Option ID=2784]

QBID : **CP1097**

SI.No.97: Which of the following is NOT a characteristic of a good sample?

- | | |
|----------|------------------|
| A | Adequate |
| B | Representative |
| C | Cultural bias |
| D | Random selection |

A[Option ID=2785]
B[Option ID=2786]
C[Option ID=2787]
D[Option ID=2788]

QBID : **CP1098**

SI.No.98: The question, Out of the total enrolment in the institute, enrolment in first year constitutes:
• Less than 10%
• Less than 20%
• Less than 30%
• Less than 40%
is inappropriate because:

- | | |
|----------|-------------------------|
| A | It is clearly stated |
| B | Language used is simple |

C	It does not use mutually exclusive categories
D	Poses a direct question
A[Option ID=2789] B[Option ID=2790] C[Option ID=2791] D[Option ID=2792]	

QBID : CP1099 SI.No.99: Counters are used in case of:	
A	Observation schedule
B	Questionnaire
C	Structured interview schedule
D	Semi structured interview schedule
A[Option ID=2793] B[Option ID=2794] C[Option ID=2795] D[Option ID=2796]	

QBID : CP1100 SI.No.100: The most appropriate graphical representation of students in a class securing A,B, C, D, & E is:	
A	Bar graph
B	Histogram
C	Pie graph
D	Column graph
A[Option ID=2797] B[Option ID=2798] C[Option ID=2799] D[Option ID=2800]	