

Sr. No.10068

(DO NOT OPEN THIS QUESTION BOOKLET UNTIL YOU ARE ASKED TO DO SO)

PHDURS-EE-2013
Business Management

Code



Time : 1½ hours

Max. Marks : 100

Total Questions : 100

Candidate's Name _____ Date of Birth _____

Father's Name _____ Mother's Name _____

Roll No. _____ (in figure) _____ (in words)

Date of Examination : _____

(Signature of the candidate)

(Signature of the Invigilator)

CANDIDATES MUST READ THE FOLLOWING INFORMATION / INSTRUCTIONS BEFORE STARTING THE QUESTION PAPER.

1. All questions are compulsory and carry equal marks.
2. All the candidates **MUST** return the Question book-let as well as OMR answer-sheet to the Invigilator concerned before leaving the Examination Hall, failing which a case of use of unfair-means / misbehaviour will be registered against him / her, in addition to lodging of an FIR with the police. Further the answer-sheet of such candidate will not be evaluated.
3. In case there is any discrepancy in any question(s) in the Question Booklet, the same may be brought to the notice of the Controller of Examinations **in writing within two hours** after the test is over. No such complaint(s) will be entertained thereafter.
4. The candidate **MUST NOT** do any rough work **OR** writings in the OMR Answer-Sheet. Rough work, if any, may be done in the question book-let itself. Answers **SHOULD NOT** be ticked in the Question book-let.
5. Use **Black OR Blue BALL POINT PEN** only in the OMR Answer-Sheet.
6. For each correct answer, the candidate will get full credit. Cutting, erasing, overwriting and more than one answer in OMR Answer-Sheet will be treated as incorrect answer. There will be no negative marking.
7. **BEFORE ANSWERING THE QUESTIONS, THE CANDIDATES SHOULD ENSURE THAT THEY HAVE BEEN SUPPLIED CORRECT AND COMPLETE BOOK-LET. COMPLAINTS, IF ANY, REGARDING MISPRINTING ETC., WILL NOT BE ENTERTAINED 30 MINUTES AFTER STARTING OF THE EXAMINATION.**

Ramphul
21-9-13

21/09/13

3-66

1. The following information is for the year ended December 31, 1966:

Beginning inventory \$10,000

Net purchases \$50,000

Net sales \$60,000

Net income \$10,000

Net loss \$10,000

Net income \$10,000

Net income \$10,000

Net income \$10,000

Net income \$10,000

Net income \$10,000

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Net income \$10,000

Question No.	Questions
1.	Production is a _____ process (1) Time consuming (2) Value added (3) Job creating (4) Revenue generating
2.	Which of the following is not a scheduling technique ? (1) Gantt charts (2) PERT (3) CPM (4) Process charts
3.	ISO-9000 is related to (1) Quality system (2) Financial system (3) Functional system (4) Costing system
4.	Which of the following are examples of intermittent production systems ? (a) Fasteners manufacturing ? (b) Drug manufacturing (c) Refrigerator manufacturing (d) Fertiliser manufacturing (1) (a), (b), (d) (2) (a), (c), (d) (3) (a), (b), (c) (4) (b), (c), (d)
5.	Basic objective/s of ERP is/are (1) Diagnostic function (2) Application logic (3) Command language (4) All of these

Question No.	Questions
6.	<p>The work of L.D. Miles of GEC is known as :</p> <p>(1) Business process re-engineering</p> <p>(2) Six sigma</p> <p>(3) Value analysis</p> <p>(4) Control charts</p>
7.	<p>In gravity location problem, _____ path is followed</p> <p>(1) Rectilinear (2) Euclidean</p> <p>(3) Straight (4) Circular</p>
8.	<p>Ship building industry commonly employs _____ layout.</p> <p>(1) Process (2) Product</p> <p>(3) Group technology (4) Fixed</p>
9.	<p>If the annual demand of an item is 1000 units, ordering costs are Rs. 50 per order and carrying costs are Rs. 10 per unit per year, then the EOQ is _____ units</p> <p>(1) 100 (2) 80</p> <p>(3) 120 (4) 150</p>
10.	<p>OC curve is associated with _____</p> <p>(1) \bar{X} - chart (2) p - chart</p> <p>(3) c - chart (4) sampling plan</p>

Question No.	Questions
21.	<p>The primary source of information for recruitment is :</p> <ul style="list-style-type: none">(1) Job analysis(2) Managerial interviews(3) Testing(4) Interviews with applicants
22.	<p>The most reliable type of interview is,:</p> <ul style="list-style-type: none">(1) Behavioural(2) Stress(3) Structured(4) Situational
23.	<p>Reasons for layoff include all but :</p> <ul style="list-style-type: none">(1) Seasonal fluctuations in demand(2) Union activities of an employee(3) Piling of inventories(4) Downsizing
24.	<p>Off-the job training method includes :</p> <ul style="list-style-type: none">(1) Training at training centre(2) Job rotation method(3) Guidance(4) Vestibule training
25.	<p>Role playing is often used to :</p> <ul style="list-style-type: none">(1) Model behaviour(2) Change attitudes(3) Change results(4) Learn skills

Question No.	Questions
26.	Information for carrer planning in a company : (1) Is available from HRIS (2) Can be had from line managers (3) Can be obtained from staff assistants (4) Is often not available
27.	Giving employees more tasks to perform at the same time is called job (1) Enrichment (2) Rotation (3) Enlargement (4) Revitalisation
28.	Performance appraisal serves as building block of : (1) Recruitment (2) Manpower planning (3) Job analysis (4) Career planning
29.	Group incentives would work best among : (1) Accountants (2) Stock holders (3) Car sales people (4) Assembly line workers
30.	You are given the following statements : (a) High performing team generally tend to be very large (b) Teamwork does not just happen, it needs continuous effort (c) Self managing teams are informal elements in the organisation structure (1) a-T, b-T, c-T (2) a-F, b-T, c-T (3) a- F, b - T, c - F (4) a- F, b-F, c-F

Question No.	Questions
36.	Benefits of motivation do not include : (1) Industrial unrest (2) Industrial democracy (3) Decline in employees' turnover (4) Job satisfaction
37.	Which of the following is / are targets of organisational changes as per Grever and Barners ? (1) Increase in motivation (2) Acceptance of technology (3) Both (1) and (2) (4) Neither (1) nor (2)
38.	Which of the following statements is correct ? (1) Perception is the act of seeing what is there to be seen (2) Perception is the act of seeing what is not to be seen (3) Perception is the act of controlling (4) Perception is the act of planning
39.	The causes of conflicts are : (a) Incompatible personalities (b) Inadequate compensation (c) Interdependent tasks (d) Poor working conditions (e) Competition for limited resources (1) (a), (b), (c), (d) (2) (a), (c), (d), (e) (3) (a), (b), (c), (e) (4) (a), (b), (c), (d), (e)
40.	Which of the following is not an OD intervention ? (1) Third party intervention (2) Quality circles (3) Goal setting (4) Employee absentism

Question No.	Questions
51.	Which of the following is not included in micro economics ? (1) Demand theory (2) Production theory (3) Factor pricing theory (4) Economic growth theory
52.	Total cost of producing 500 units is Rs. 10,000 which includes fixed costs of Rs. 5000. Production level is increased to 700 units which increases the fixed costs by Rs. 1,000 (variable cost per unit remaining the same. Marginal cost per unit is : (1) Rs. 10 (2) Rs. 15 (3) Rs. 18 (4) Rs. 20
53.	For the same problem in Q. No. 2, increase in average cost per unit is : (1) Rs. zero (2) Re. 1 (3) Rs. 1.5 (4) Rs. 2.0
54.	Total utility of a commodity is maximum when marginal utility is : (1) Positive (2) Zero (3) Negative (4) Can not say
55.	Which of the following is not a condition of law of variable proportions : (1) Indivisibility of factors (2) Change in factor ratio (3) Change in technology (4) Imperfect substitutes

Question No.	Questions
56.	<p>The average product _____ when marginal product is _____ average product.</p> <p>(1) Increases, greater than (2) Increases, lesser than (3) Decreases, greater than (4) None of the above</p>
57.	<p>Fixed cost of a factor is Rs. 5000 per annum and the target profit is Rs. 3,000. Variable cost is Rs. 2 per unit and sales price is Rs. 4 per unit. The required volume of sales is :</p> <p>(1) Rs. 14,000 (2) Rs. 15,000 (3) Rs. 16,000 (4) Rs. 17,000</p>
58.	<p>Which of the following is not a feature of perfect competition ?</p> <p>(1) Homogeneous production (2) Perfect knowledge (3) Price controlled by the seller (4) Free entry and exit</p>
59.	<p>A monopolist will earn maximum profit when</p> <p>(1) $MC > MR$ (2) $MC = MR$ (3) $MC < MR$ (4) None of the above</p>
60.	<p>Advantages of collusive oligopoly are :</p> <p>(a) Increased profits (b) Decreased uncertainty (c) Better opportunity to prevent entry of new players (d) Individual price setting</p> <p>(1) (a), (b), (c) (2) (a), (b), (d) (3) (b), (c), (d) (4) (a), (b), (c), (d)</p>

Question No.	Questions
66.	<p>It provides the address of a resource of file which is available on internet</p> <p>(1) Browser (2) WWW</p> <p>(3) URL (4) HTTP</p>
67.	<p>Which tool/s is/are used for system design ?</p> <p>(1) Data flow diagram (2) Data dictionary</p> <p>(3) Neither (1) nor (2) (4) Both (1) and (2)</p>
68.	<p>A private, third party-managed, network, that offers data transmission and network services to subscribing firms, is called</p> <p>(1) Value added network</p> <p>(2) Private area network</p> <p>(3) Integrated services digital network</p> <p>(4) Public switched telephone network</p>
69.	<p>Computers process, store and communicate information in _____ form</p> <p>(1) Decimal (2) Binary</p> <p>(3) Decimal (4) Octel</p>
70.	<p>Teleconferencing in which the participants can see each other on video screens is termed</p> <p>(1) Video mailing (2) Video chatting</p> <p>(3) Video conferencing (4) Video searching</p>

Question No.	Questions
71.	<p>LAN is</p> <p>(1) Local Area Network (2) Low Altitude Network</p> <p>(3) Low Area Network (4) None of the above</p>
72.	<p>The initial implementation due to the technology limitation of distance was the department network popularly known as :</p> <p>(1) Computer network (2) Local area network</p> <p>(3) Network design (4) Database network</p>
73.	<p>DFDs are</p> <p>(1) Documents for documents</p> <p>(2) Documents face documents</p> <p>(3) Data flow diagrams</p> <p>(4) Document flow diagrams</p>
74.	<p>ERP system deals with the</p> <p>(1) Financial planning and use of resources</p> <p>(2) Manpower planning and use of resources</p> <p>(3) Planning of computer networking</p> <p>(4) Planning and use of all resources used in the business</p>
75.	<p>_____ is data converted into more useful form</p> <p>(1) Information (2) Knowledge</p> <p>(3) Process (4) Expression</p>

Question No.	Questions								
76.	<p>Which of the following is not a type of report ?</p> <p>(1) Scheduled report (2) On demand report (3) Knowledge report (4) Exception report</p>								
77.	<p>Tabular data presentation is also known as :</p> <p>(1) Structured data (2) Semi-structured data (3) Unstructured data (4) None of the above</p>								
78.	<p>SBU stands for</p> <p>(1) Social Business Unit (2) Strategic Business Unit (3) Special Business Unit (4) Specific Business Unit</p>								
79.	<p>Which of the following are internet protocols :</p> <table><tr><td>(a) TCP / IP</td><td>(b) HTTP</td></tr><tr><td>(c) FTP</td><td>(d) WAN</td></tr><tr><td>(1) (a), (b), (c), (d)</td><td>(2) (a), (c), (d)</td></tr><tr><td>(3) (b), (c), (d)</td><td>(4) (a), (b), (c)</td></tr></table>	(a) TCP / IP	(b) HTTP	(c) FTP	(d) WAN	(1) (a), (b), (c), (d)	(2) (a), (c), (d)	(3) (b), (c), (d)	(4) (a), (b), (c)
(a) TCP / IP	(b) HTTP								
(c) FTP	(d) WAN								
(1) (a), (b), (c), (d)	(2) (a), (c), (d)								
(3) (b), (c), (d)	(4) (a), (b), (c)								
80.	<p>Which of the following is not a search engine ?</p> <table><tr><td>(1) Google</td><td>(2) Yahoo</td></tr><tr><td>(3) Altavista</td><td>(4) BSNL</td></tr></table>	(1) Google	(2) Yahoo	(3) Altavista	(4) BSNL				
(1) Google	(2) Yahoo								
(3) Altavista	(4) BSNL								

Question No.	Questions
81.	<p>The probability of getting a total of 7 on two dice is</p> <p>(1) 5/36 (2) 6/36</p> <p>(3) 7/36 (4) 8/36</p>
82.	<p>Bayes' theorem can be used in the fields of</p> <p>(1) Diagnostic tests (2) Telecommunication</p> <p>(3) Designing of systems (4) All of these</p>
83.	<p>In stratified sampling, size of the sample depend on</p> <p>(1) Stratum size</p> <p>(2) Number of stratum</p> <p>(3) Hetrogeneity of stratum</p> <p>(4) Cost involved</p>
84.	<p>Which of the following statements is not true ?</p> <p>(1) $\bar{X} - \sigma$ to $\bar{X} + \sigma$ is 68.26%</p> <p>(2) $\bar{X} - 2\sigma$ to $\bar{X} + 2\sigma$ is 94.92%</p> <p>(3) $\bar{X} - 1.96 \sigma$ to $\bar{X} + 1.96 \sigma$ is 95%</p> <p>(4) $\bar{X} - 3\sigma$ to $\bar{X} + 3\sigma$ is 99.73%</p>
85.	<p>Which of the following factors does not usually affect the range of a confidence interval ?</p> <p>(1) Sample size (2) Confidence desired</p> <p>(3) Variability in the population (4) Population size</p>

Question No.	Questions
86.	<p>If the alternate hypothesis is $m_1 > m_2$, the critical region will be on</p> <p>(1) Left side, (2) Right side</p> <p>(3) Both sides (4) None of the above</p>
87.	<p>The p-value indicates the _____ level of significance at which the null hypothesis will be _____.</p> <p>(1) Minimum, rejected (2) Maximum, rejected</p> <p>(3) Maximum, accepted (4) Minimum, accepted</p>
88.	<p>In a hypothesis testing survey, level of significance is taken at 5%. It means that</p> <p>(a) Probability of committing type I error is 0.05</p> <p>(b) Probability of committing type II error is 0.95</p> <p>(c) There are 95% chances that the results are correct</p> <p>(d) Probability that a value will be outside the critical region is 0.05</p> <p>(1) (a), (b), (c) (2) (b), (c), (d)</p> <p>(3) (a), (c), (d) (4) (a), (b), (c), (d)</p>
89.	<p>Mann-Whitney 'u' test is used for testing :</p> <p>(1) Equality of two means</p> <p>(2) Equality of three means</p> <p>(3) Equality of more than two means</p> <p>(4) Equality of two sets of rankings</p>
90.	<p>Which of the following is not a parametric test ?</p> <p>(1) z-test (2) Chi-square test</p> <p>(3) t-test (4) F- test</p>

