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47. (Sem-2) CA (2.5) O

2022

COMPUTER APPLICATIONS

Paper : 2.5

Full Marks : 80

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Answer the following questions : $1 \times 5 = 5$

(a) Name a data type used in Visual Basic.

(b) Write the full form of GUI.

(c) Which command is used to create a menu in VB ?

(d) Which command is used to create a Database ?

(e) Why is windows programming used ?

Contd.

2. Answer the following questions : $2 \times 5 = 10$

- (a) What is a Foreign Key ? Give example
- (b) Mention *two* advantages of DBMS.
- (c) What do you mean by relationship in DBMS ?
- (d) What do you mean by Entities in DBMS ?
- (e) What are the steps for creating a sub menu in Visual Basic ?

3. Answer the following questions : (**any three**)
 $5 \times 3 = 15$

- (a) What are the different types of relationships in DBMS ? Discuss briefly.
- (b) What is an ER Diagram ? Explain with example.
- (c) Briefly describe the basic applications of Graphics Device Interface.
- (d) What do you mean by Payback Period ?
- (e) What are the different types of Models ? Discuss.

4. Answer the following questions : **(any three)**
10×3=30

- (a) Explain the three level architecture of DBMS
- (b) What is a system Model? Discuss briefly the different Models.
- (c) Explain the different roles of Computer Applications in Commerce.
- (d) Explain with example the process of creating an application in Visual Basic.

5. Write short notes on the following :
(any four) 5×4=20

- (a) RDBMS
 - (b) Windows Programming
 - (c) Working with Forms in Visual Basic
 - (d) DBMS
 - (e) System Analysis
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47 (2) BBA-HC-2026

2023

**STATISTICS FOR BUSINESS
DECISIONS**

Paper : BBA-HC-2026

Full Marks : 80

Time : Three hours

***The figures in the margin indicate
full marks for the questions.***

1. Choose the correct alternative : $1 \times 10 = 10$

(a) Which of the following represents median ?

(i) First quartile

(ii) Fourth decile

(iii) Second quartile

(iv) None of the above

Contd.

- (b) If mean is 5, median is 6 then mode is
- (i) 10
 - (ii) 8.6
 - (iii) 11
 - (iv) 8
- (c) The relationship between mean deviation (MD) and standard deviation (SD) is
- (i) $3 \text{ MD} = 2 \text{ SD}$
 - (ii) $6 \text{ MD} = 6 \text{ SD}$
 - (iii) $5 \text{ MD} = 4 \text{ SD}$
 - (iv) $\text{MD} = \text{SD}$
- (d) Which is true for negatively skewed distribution ?
- (i) $\text{AM} < \text{Median} < \text{Mode}$
 - (ii) $\text{AM} > \text{Median} > \text{Mode}$
 - (iii) $\text{AM} = \text{Median} = \text{Mode}$
 - (iv) None of the above
- (e) If $r = 0$, the variables X and Y are
- (i) linearly related
 - (ii) independent
 - (iii) not linearly related
 - (iv) None of the above

(f) The sales of wool and umbrella are associated with the component of the time series

- (i) Secular trend
- (ii) Seasonal variation
- (iii) Cyclical variation
- (iv) Irregular variation

(g) What is the probability of an independent event?

- (i) 0
- (ii) 1
- (iii) -1
- (iv) None of the above

(h) The range of correlation coefficient (r) is

- (i) 0 to ∞
- (ii) $-\infty$ to ∞
- (iii) 0 to 1
- (iv) -1 to 1

(d) What is meant by linear regression? Why there are two regression lines? When are these identical?

(e) Find the correlation coefficient between X and Y.

X : 2 3 4 5 6 7 8

Y : 4 5 6 8 9 7 10

(f) Determine median from the following distribution :

| | | | | | | |
|-------------------|------|-------|-------|-------|-------|-------|
| Marks : | 5-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 |
| No. of students : | 5 | 6 | 15 | 10 | 5 | 4 |

(g) The average marks obtained by 100 students in a class in statistics was 72. The average marks obtained by 70 boys was 75. Find the average marks of girls.

(h) Find the mode of the following distribution :

| | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|
| Age (years): | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 |
| No. of persons : | 10 | 20 | 32 | 47 | 30 | 25 |

4. Answer the following questions : **(any five)**
8×5=40

(a) Determine QD for the following distribution :

| | | | | | | | |
|---------------|------|-------|-------|-------|-------|-------|-------|
| Weight (kg) : | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 |
| No. of boys : | 5 | 6 | 10 | 15 | 8 | 4 | 2 |

(b) Determine SD and co-efficient of variation (CV) from the following distribution :

| | | | | | | | |
|------------------|---------|---------|---------|---------|---------|---------|---------|
| Age : | 20 - 30 | 30 - 40 | 40 - 50 | 50 - 60 | 60 - 70 | 70 - 80 | 80 - 90 |
| No. of persons : | 3 | 61 | 132 | 153 | 140 | 51 | 2 |

(c) The following data are given :

| | | |
|------|-----|-----|
| | x | y |
| AM : | 36 | 85 |
| SD : | 11 | 8 |

correlation coefficient between x and $y = 0.66$

- (i) Find the *two* regression equations.
- (ii) Estimate the value of x when $y = 75$.

(d) Fit a linear trend by the method of least squares

| | | | | | | |
|--------------|------|------|------|------|------|------|
| Years : | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 |
| Production : | 7 | 10 | 12 | 14 | 17 | 24 |

Estimate the production for the year 1982.

(e) If A , B and C are mutually exclusive and exhaustive events and

$$P(A) = \frac{1}{2}P(B) \text{ and } P(B) = \frac{2}{3}P(C). \text{ Find}$$

$P(A)$, $P(B)$ and $P(C)$.

- (f) A bag contains 5 red and 7 blue balls. A man is allowed to draw two balls from the bag who is to receive Rs. 10 for each blue ball and Rs. 20 for each red ball drawn.

Find the expectation of the man.

- (g) State and explain the multiplicative law of probability.
- (h) From the following data of marks obtained by 8 students in Marketing and Finance papers, compute rank coefficient of correlation :

| Marks in | | | | | | | | | |
|-------------|----|----|----|----|----|----|----|----|--|
| Marketing : | 15 | 20 | 28 | 12 | 40 | 60 | 20 | 80 | |
| Marks in | | | | | | | | | |
| Finance : | 40 | 30 | 50 | 30 | 20 | 10 | 30 | 60 | |

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47 (3) BBA-HC-3016/3.3 (N/O)

2022

(Held in 2023)

COST AND MANAGEMENT ACCOUNTING

Paper : HC-3016 & 3.3

Full Marks : 80

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Fill in the blanks using appropriate words :
1×5=5

(a) Management Accounting is helpful in increasing _____ of data.
(preparation/interpretation)

(b) The quantity of material to be ordered at one time is known as _____.
(economic order quantity/re-order quantity)

(c) Contribution = Selling Price – _____.
(Fixed Cost/Marginal Cost)

Contd.

(d) The difference between actual cost and standard cost is known as _____.
(profit/variance)

(e) An automobile service unit uses _____ costing. (Job/Batch)

2. Write whether the following statements are True **or** False : 1×5=5

(a) Costing is a technique of ascertaining cost.

(b) The loss incurred on an incomplete contract is transferred to Profit & Loss Account.

(c) P/V ratio shows the relationship between contribution and sales.

(d) Budgetary control is a system of controlling costs.

(e) Material usage variance = Actual Price
(Standard Quantity – Actual Quantity)

3. Answer the following : (**any five**)

2×5=10

(a) State *two* objectives of Cost Accounting.

- (b) What is contribution ?
- (c) What is meant by budgetary control system ?
- (d) Define standard costing.
- (e) What is ordering cost ?
- (f) What is idle time ?
- (g) What is Flexible Budget ?

4. Answer the following : **(any four)**

5×4=20

- (a) Mention *five* advantages of Cost Accounting.
- (b) In a company weekly minimum and maximum consumption of material 'Y' are 20 and 80 units respectively. The re-order quantity as fixed by the company is 300 units. The material is received within 4 to 6 weeks from issue of supply order.
Calculate minimum level and maximum level of material 'Y'.

- (c) The standard material required to manufacture one unit of product 'X' is 10kgs and the standard price per kg of material is ₹ 25. The cost account records, however, reveal that 11,500kgs of material costing ₹ 2,76,000 were used for manufacturing 1000 units of product 'X'.

Calculate material variances.

- (d) From the following information, calculate the total earnings of a worker under Halsey Premium Plan :

Rate per hour = ₹ 1.50 per hour

Time allowed for job = 20 hours

Time taken = 15 hours

- (e) Distinguish between Standard Costing and Budgetary Control.

- (f) Briefly explain the scope of management accounting.

- (g) Distinguish between Cost Accounting and Financial Accounting.

5. Answer the following : (*any five*)

8×5=40

(a) "Management Accounting is concerned with information which is useful to management." Explain the above statement highlighting the nature of information referred to.

(b) Write short notes on : 4+4=8

(i) Sales Budget

(ii) Cash Budget

(c) Explain the basic principles to be followed in determining the amount of profit on incomplete contracts.

(d) Explain the advantages and disadvantages of First-In, First-Out Method. 4+4=8

(e) Explain briefly the technique of marginal costing. In what ways is this technique useful in management accounting? 4+4=8

(f) ABC company is expecting to have ₹ 32,000 cash in hand on 1-4-2021 and prepare a Cash Budget for three months, April to June, 2021. The following information is supplied :

| Month | Sales (₹) | Purchases (₹) | Wages (₹) | Expenses (₹) |
|----------|--------------|------------------|--------------|-----------------|
| February | 70,000 | 44,000 | 6,000 | 5,000 |
| March | 80,000 | 56,000 | 9,000 | 6,000 |
| April | 96,000 | 60,000 | 9,000 | 7,000 |
| May | 1,00,000 | 68,000 | 11,000 | 9,000 |
| June | 1,20,000 | 62,000 | 14,000 | 9,000 |

Other Information :

- (a) Period of credit allowed by suppliers is two months.
- (b) 20% of sales is for cash and the period of credit allowed to customers for credit sales is one month.
- (c) Delay in payment of wages and expenses is one month.
- (d) Income tax of ₹ 25,000 is to be paid in June, 2021.

(g) Following are the information obtained from the books of a company :

Fixed Cost = ₹ 1,60,000

Sales = ₹ 100 per unit

Variable Cost = ₹ 90 per unit

Calculate—

- (a) P/V Ratio;
- (b) Break-even sales;
- (c) Break-even units;
- (d) Sales to earn a profit of ₹ 40,000
 $2 \times 4 = 8$

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47 (3) BBA-SE-3054

2022
(Held in 2023)

COMPUTER APPLICATION

Paper : BBA-SE-3054

Full Marks : 50

Time : Two hours

***The figures in the margin indicate
full marks for the questions.***

1. Answer ***any seven*** questions from the following : 1×7=7

(a) Workbook is a collection of _____.

(i) Page setup

(ii) Cells

(iii) Worksheets

(b) An _____ is made up of horizontal rows and vertical columns.

(i) Worksheet

(ii) Excel file

(iii) Workbook

Contd.

- (c) _____ helps to design professional-style presentations quickly and easily.
- (i) MS PowerPoint
 - (ii) MS Excel
 - (iii) MS Word
- (d) MS Excel contains many pre-defined or built-in formulas, which are known as
- (i) arguments
 - (ii) functions
 - (iii) autosum
- (e) DBA stands for
- (i) Database Access
 - (ii) Database Administrator
 - (iii) Database Authority
- (f) ANSI-SPARC model consists of
- (i) 2-layered model
 - (ii) 3-layered model
 - (iii) 4-layered model
- (g) Create, Alter and Drop are the examples of
- (i) DDL
 - (ii) DML
 - (iii) SDL

- (h) SQL stands for
 - (i) Small Query Language
 - (ii) Structured Query Language
 - (iii) Simple Query Language
- (i) The primary key of a weak entity is known as
 - (i) partial key
 - (ii) foreign key
 - (iii) weak key
- (j) DDL stands for
 - (i) Data Domain Language
 - (ii) Data Definition Law
 - (iii) Data Definition Language

2. Answer **any five** questions from the following : 4×5=20

- (a) Define word processor and explain its features.
- (b) Explain paragraph formatting features in MS Word.
- (c) Explain the purpose of Microsoft Power-Point software.
- (d) What do you mean by a spreadsheet? What are its features?
- (e) Define role of a DBA user.
- (f) Distinguish between Traditional file approach Vs. DBMS approach.

(g) Distinguish between weak and strong entities.

3. Answer **any three** questions from the following : $5 \times 3 = 15$

(a) Explain the three-level architecture of DBMS.

(b) Write briefly on DDL and DML.

(c) How would you create charts and graphics in MS Excel?

(d) Define attributes of system analyst.

(e) What are the cost benefit analysis in SDLC?

(f) Define primary key, candidate key and superkey with examples.

(g) Define data independence. Explain its type.

4. What is Tally? Write the basic features of tally. Explain the advantage and disadvantage of Tally. $1+3+4=8$

Or

Describe manual and financial accounting in Tally. $4+4=8$

Or

Explain system development life cycle (SDLC). 8

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47 (3) BBA-HC-3026

2022

(Held in 2023)

HUMAN RESOURCE MANAGEMENT

Paper : BBA-HC-3026

Full Marks : 80

Time : Three hours

***The figures in the margin indicate
full marks for the questions.***

1. State whether the following statements are True **or** False : 1×5=5
 - (a) According to contingency approach, there is no one way of managing that works best in all situations.
 - (b) Human resource planning ensures maximum use of manpower and capitalise on the strength of human resource.
 - (c) In Delphi method human resource demand is predicted by integrating the judgement and opinion of a single expert.

Contd.

- (d) Policy provides advance information and predictable decision for situations which are repetitive or which occur widely throughout the organisation.
- (e) Job description is a functional description of the content what the job entails.

2. Fill in the blanks : 1×5=5

- (a) _____ is the application form to be filled by the candidate when he goes for recruitment process in the organisation (Job application/Formal application)
- (b) Human resource departments are _____.(functional department/service department)
- (c) Job analysis is a systematic procedure for securing and reporting information defining a _____. (specific job/specific service)
- (d) Human resource planning is compulsory for _____.
 - (i) effective employee development programme
 - (ii) base for recruitment
 - (iii) base for selection policy
 - (iv) All of the above

- (e) Off-the-job training include _____.
(position rotation/vestibule training)

3. Answer the following questions : **(any five)**
 $2 \times 5 = 10$

- (a) What do you mean by human resource policy ?
- (b) What is meant by VRS ?
- (c) State *two* importances of human resource management.
- (d) What is job enrichment ?
- (e) What is induction ?
- (f) What is selection ?
- (g) What is executive development ?
- (h) State *two* distinctions between demotion and discharge.

4. Answer the following questions : **(any four)**
 $5 \times 4 = 20$

- (a) Discuss the major objectives of a sound induction programme.
- (b) Discuss four functions of HRM.
- (c) Write a short note on promotion and transfer.
- (d) Explain the process of handling grievance.
- (e) Explain *any two* methods of training.

(f) Differentiate between human resource management and human resource development.

(g) Explain the concept and need of performance appraisal.

5. Answer the following questions : **(any five)**
8×5=40

(a) Explain the essentials of effective collective bargaining.

(b) Explain the emerging challenges of human resource management in the current business environment.

(c) What is job evaluation? Explain the objectives of job evaluation.

(d) What do you mean by industrial relations? Discuss the importance of industrial relations.

(e) Discuss various grievance redressal machinery.

(f) Discuss various functions of human resource management.

(g) What is job analysis? Explain the major methods of data collection for job analysis.

(h) What is recruitment? Discuss various sources of recruitment.

(i) Explain various steps involved in the selection process.

Total number of printed pages-4

47 (3) BBA-HC-3026

2023

HUMAN RESOURCE MANAGEMENT

Paper : BBA-HC-3026

Full Marks : 80

Time : Three hours

*The figures in the margin indicate
full marks for the questions.*

1. State whether the following statements are True **or** False : 1×5=5
 - (a) HRM begins with Human Resource Planning.
 - (b) Training is closely related with education and development.
 - (c) 360-degree appraisal is a traditional method of performance appraisal.
 - (d) Selection is a bridging activity bringing together those with the jobs and those who are seeking jobs.

Contd.

- (e) McClelland's need theory is closely associated with learning theory.

2. Fill in the blanks :

1×5=5

- (a) Lateral movement of employee from one job to another is known as _____.
(transfer/promotion)
- (b) Termination of services by an employer by serving a notice is known as _____.
(resignation/dismissal)
- (c) The famous Hawthorne experiment was conducted by _____.
(Elton Mayo/F. W. Taylor)
- (d) Off-the-job training include _____.
(Vestibule Training/Position Rotation)
- (e) Human resource departments are _____.
(functional department/service department)

3. Answer the following questions : **(any five)**

2×5=10

- (a) What do you mean by job evaluation ?
- (b) Give the definition of Trade Unions.
- (c) What is grievance ?
- (d) What is induction ?

- (e) Write *two* distinctions between transfer and promotion.
- (f) Give the meaning of on-the-job training.
- (g) What is executive development ?

4. Answer the following questions : **(any four)**

5×4=20

- (a) State the advantages and disadvantages of internal sources of recruitment.
- (b) What do you mean by non-financial incentives ? Briefly explain.
- (c) What is job enrichment ? Distinguish between job enrichment and job enlargement.
- (d) Briefly discuss the main objectives of a sound induction programme.
- (e) What do you mean by fringe benefits ?

5. Answer the following questions : **(any five)**

8×5=40

- (a) What is job evaluation ? Explain the objectives of job evaluation. 2+6=8
- (b) Explain various methods of training.

- (c) Trace the history of evolution and development of Human Resource Management.
 - (d) What is performance appraisal? Discuss the problems associated with performance appraisal. 2+6=8
 - (e) Briefly discuss employee selection process.
 - (f) Discuss the challenges faced by a Human Resource Manager in modern-day business context.
 - (g) Discuss the importance of employee counselling in an organisation.
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