

MANIPAL UNIVERSITY**FOURTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – DECEMBER 2007****SUBJECT: BASIC ACCOUNTANCY
(NEW REGULATIONS)**

Saturday, December 29, 2007

Time available: 3 Hours.

Max. Marks: 80

1. Answer **any TEN** of the following:

- 1A. Define Capital.
- 1B. What are liabilities?
- 1C. State any two objects of book-keeping.
- 1D. Give the rule of Real A/c.
- 1E. What is posting?
- 1F. What is narration?
- 1G. What are final A/cs?
- 1H. What are rectification of errors?
- 1I. What is Journal?
- 1J. Who is a Creditor?
- 1K. What is an Account?
- 1L. What is Analytical Petty Cash Book?

(2×10 = 20 marks)

✍ **Solve the following problems:**

2. Enter the following transactions in various subsidiary books and open only the Personal A/cs in the ledger:

2003	Particulars	Rs.
January 1	Bought goods from Govind	8,000
" 2	Sold goods to Vallari at 5%	10,000
" 4	Govind returned goods	200
" 6	Bought goods from Nanda less 10%	15,000
" 7	Purchased goods from Kishanchand	11,000
" 8	Sold goods to Manikchand, less 5%	7,000
	Packing and delivery	200
" 10	Vallari returned goods	100
" 15	Krishna sold us goods	2,000
" 20	Debit Note sent to Nanda	100

(15 marks)

3. Prepare an Analytical Petty Cash Book under the Imprest system from the following details – the imprest amount being Rs.250.

2002	Particulars
April 1	Petty cash in hand Rs.17
" 2	Received a cheque to make up the imprest
" 3	Paid for postal stamps Rs.15
" 5	Purchased covers and books Rs.18
" 7	Paid for wages Rs.40
" 8	Paid telephone charges Rs.25
" 10	Paid subscription to newspapers Rs.32
" 13	Paid repairs to machinery Rs. 45
" 17	Paid electricity bill Rs.28
" 23	Paid to Navya Rs.10
" 27	Bought inland letters Rs.12
" 29	Purchased stationery Rs.12

(15 marks)

4. From the following particulars, prepare a Bank Reconciliation Statement as on 31st Mar 2002.

- The cash book shows a debit balance of Rs.12,500.
- Cheques issued for Rs.1,000 but not presented for payment in the bank.
- Cheques sent to the bank for collection worth Rs. 4,000, but not cleared by the bank.
- There was a wrong debit in the pass book for Rs.2,000.
- The pass book shows a debit of Rs.100 for bank charges and a credit of Rs.200 for dividend collected by the bank.
- The pass book shows a credit for Rs.3,000 being a direct payment by a customer.

(15 marks)

5. Prepare a three column Cash Book:

2004	Particulars
October 1	Cash in hand Rs.8,000 and at Bank Rs.10,000
" 2	Sold goods for cash Rs.2,500
" 3	Purchased goods for cash Rs.1,800
" 4	Received commission Rs.500
" 6	Received a cheque from Vrinda for Rs.5,250 in settlement of her A/c for Rs. 5,300
" 7	Issued a cheque to Sony for Rs.4,200 in settlement of her A/c for Rs.4,300
" 10	Paid rent by cheque Rs.1,000
" 11	Vrinda's cheque paid into bank
" 13	Paid cash to Philips Rs.3,900
" 18	Paid salaries by cash Rs.2,200
" 20	Paid cash into bank Rs.3,000
" 23	Withdraw from bank for office use Rs.4,850
" 28	Bought stationery Rs.800

(15 marks)



MANIPAL UNIVERSITY

FOURTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – DECEMBER 2007 SUBJECT: EPIDEMIOLOGY AND BIostatISTICS

Friday, December 28, 2007

Time available: 3 Hours

Max. Marks: 80

✍ **Answer ALL questions.**

- 1A. State the various steps involved in research process and explain any one step briefly.
1B. Differentiate nominal and ordinal scales of measurement with example. (5+5 = 10 marks)
- 2A. Explain dependent and independent variables with example.
2B. Enumerate the advantages of probability sampling over non-probability sampling. (5+5 = 10 marks)
- 3A. What is an array? Explain with example.
3B. Represent the data by a suitable bar diagram.

Literacy rate by sex in four South Indian States		
Literacy Rates (7 years and Above)*		
State	Males	Females
Andhra Pradesh	51.1	32.7
Karnataka	67.3	44.3
Kerala	93.6	86.2
Tamil Nadu	73.7	51.3
* Census of India 1991		

(4+6 = 10 marks)

- 4A. List the merits and demerits of Arithmetic mean and median.
4B. The following are the weights in kilograms of a sample of 10 students.
Weight in kilograms: 51, 48, 64, 61, 66, 54, 43, 64, 60, 69
Compute **range** and **standard** deviation for the above data. (5+5 = 10 marks)
- 5A. State the merits and demerits of scatter diagram over correlation coefficient.
5B. Suppose the systolic blood pressure of normal adult males, 25 years old is approximately normally distributed with mean 125mmHg and standard deviation 10mmHg. In a sample of 500 apparently normal adult males, how many will be with systolic blood pressure.
i) More than 135mmHg ii) in the range 105 – 135mmHg. (5+5 = 10 marks)
- 6A. Discuss Hospital records as a source of health information system
6B. Explain the terms prevalence and incidence with example. ((2+3)+5 = 10 marks)
- 7A. Differentiate Reliability and validity with example.
7B. Define infant mortality rate. What are its uses? Discuss its indications. (5+(1+2+2) = 10 marks)
8. Define epidemiology. Outline the procedures involved in descriptive studies. (2+5+3)=10 marks)



MANIPAL UNIVERSITY**FOURTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – DECEMBER 2007****SUBJECT: FUNDAMENTALS OF MANAGEMENT
(NEW REGULATIONS)**

Thursday, December 27, 2007

Time available: 3 Hours.

Max. Marks: 80

Answer ALL the questions.

1. Write short notes on:
 - 1A. Co-ordination.
 - 1B. Importance of Planning.
 - 1C. Span of Management.
 - 1D. Barriers to communication.

(5×4 = 20 marks)
2. Mention the functions of different levels of management.

(10 marks)
3. What are the steps in selection process? Define Placement.

(8+2 = 10 marks)
4. What are the principles of organizing?

(10 marks)
5. What are the effects of low morale in the employees? What measures should be taken to build up high employee morale?

(10 marks)
6. What do you mean by Wage Incentive Schemes? What are its advantages and disadvantages?

(10 marks)
7. What are the characteristic features of Leadership? What are the different Leadership styles?

(10 marks)



Reg. No.

MANIPAL UNIVERSITY

FOURTH SEMESTER B.Sc. H.I.A. DEGREE EXAMINATION – DECEMBER 2007

SUBJECT: MEDICAL TERMINOLOGY – II
(NEW REGULATION)

Wednesday, December 26, 2007

Time available: 3 Hours

Max. Marks: 80

1. Give the correct explanation for the following medical terms:

- a) Infarct b) Lymphoedema c) Dystonia d) Hallucinosiis
e) Somnambulism f) Epididymitis g) Metrorrhagia h) Cataract
i) Dsyequilibrium j) Sunburn.

(1×10 = 10 marks)

2. Write down the correct expansion for the following abbreviations:

- a) GFR b) FACS c) ELISA d) ADMR e) WBC
f) LNM g) ABR h) DM i) CCU j) DGO
k) RPF l) TSS m) VHD n) YF o) SRF

(1×15 = 15 marks)

3. Briefly explain the following conditions:

- a) Malabsorption syndrome b) Multiple myeloma c) Goiter
d) Phenylketonuria e) Hyperorexia f) Otosclerosis
g) Puerperal sepsis h) Ambiguous genitalia i) Anthrax
j) Mumps.

(2×10 = 20 marks)

4. Write down the exact medical term for the following explanation.

- 4A. A painful spasmodic contraction of the vagina.
4B. Excessive vomiting during pregnancy.
4C. Inflammation of the eyelids and of their margins.
4D. Hemorrhage from the ear.
4E. Corneal clouding that causes the sensation of looking through smoke or fog.

(1×5 = 5 marks)

5. Answer the following:

- 5A. Mention any five menstrual disorders and its correct meaning.
5B. Mention any five viral diseases with exact causative organism.
5C. Give an account about AIDS.
5D. How do you distinguish Myopia from Presbyopia?
5E. Briefly explain about lichen Planus and Pnemphigus.
5F. Write short notes on gastroenterology and dermatology.

(5×6 = 30 marks)

