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MANIPAL UNIVERSITY

FIRST YEAR M. PHARM. DEGREE EXAMINATION – MAY 2016

SUBJECT: REGULATORY ENVIRONMENT AND INTELLECTUAL PROPERTY RIGHTS (PAD 601T)
(SPECIALIZATION: PHARMACEUTICAL ADMINISTRATION)
(2014 REGULATION)

Wednesday, May 25, 2016

Time: 10:00 – 13:00 Hrs.

Max. Marks: 100

Answer ALL the questions.

1. How patent system evolved globally? Discuss with relevance to development of Venetian, British and US systems of patent.
(10 marks)
2. Discuss importance and objectives of patent search. Write about different types of patent search.
(10 marks)
3. What is the use of licensing and technology transfer provisions in pharmaceutical industry? Explain citing reasons.
(10 marks)
4. Explain Patent Cooperation Treaty.
(10 marks)
5. What are the issues involved in biotechnology related patents? Add a brief note on Patent System in Europe.
(10 marks)
6. Discuss ten rules for drug regulatory submissions.
(10 marks)
7. Discuss contents of various modules of eCTD submission folder.
(10 marks)
8. Explain regulatory approval procedure for biotech products and medical devices in India.
(10 marks)
9. **Write short notes on:**
 - 9A. Objectives of GLP, GMP and GCP
 - 9B. National Pharmaceutical Policy in India

(5 marks × 2 = 10 marks)
10. **Write briefly on the following:**
 - 10A. ICH guidelines
 - 10B. Patent as a business tool

(5 marks × 2 = 10 marks)



MANIPAL UNIVERSITY

FIRST YEAR M. PHARM. DEGREE EXAMINATION – MAY 2016 SUBJECT: MANAGERIAL ECONOMICS AND FINANCIAL MANAGEMENT (PAD 602T) (SPECIALIZATION: PHARMACEUTICAL ADMINISTRATION) (2014 REGULATION)

Friday, May 27, 2016

Time: 10:00 – 13:00 Hrs.

Max. Marks: 100

☞ **Answer ALL questions.**

1. A firm is considering the following project:

-400000	+1,10,000	+1,20,000	+144,200	+240600	+1,50,200
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1A. Calculate NPV @12%.

1B. What is the project's internal rate of return?

(10 marks)

2A. A firm's after-tax Cost of capital of the specific sources is as follows (Book value weights)

i) Cost of debt	12%
Cost of preference shares (including dividend tax)	10%
Cost of equity funds	18%

ii) The following are the firm's capital structure:

Source	Amount
Debt	6,00,000
Preference share	8,00,000
Equity capital	6,00,000

Compute weighted average cost of capital.

2B. What do you mean by Accounting? Write the uses and limitations of accounting.

(5+5 = 10 marks)

3. From the following given information prepare a trading and profit and loss account of the firm showing the net profit or loss for the year ending 31st December 2014.

Opening Stock	25000
Purchases	60000
Purchase returns	7000
Sales	175000
Sales returns	5000
Wages	6000
Salaries of staff	25000
Advertisements	4000
Office expenses	20000
Carriage outwards	5000
Motor car	200000
Buildings	500000
Discount received	4000
Discount allowed	2000

Additional Information:

- i) Depreciate motor car by 10%
- ii) Depreciate buildings by 5%
- iii) Salary outstanding ₹ 2000

(10 marks)

4A. From the following identify the Capital payments, Capital Receipts, Revenue Payments and Revenue Receipts.

- i) Purchase of Motor car ₹ 450000
- ii) Whitewashing of hospital buildings ₹ 500000
- iii) Special donations received ₹ 1000000
- iv) Installation charges of machine ₹ 5000
- v) Salary paid to staff ₹ 40000

4B. What do you understand by the term 'fund'? How is it different from cash fund?

4C. Define Management Accounting.

(5+3+2 = 10 marks)

5. Journalize the following transactions in the books of Ajay:

2008 March	1	Paid interest on loan ₹ 5000
	12	Remitted cash to Chandra 6,000
	15	Bought office furniture for cash ₹ 8,000
	15	Received from Rajendra ₹ 5,000
	20	Paid carriage ₹ 4,000
	22	Paid rent ₹ 3,000
	23	Paid insurance ₹ 8,000
	25	Cash sales ₹ 9,000

(10 marks)

6. State the difference between Financial Accounting, Cost Accounting and Management Accounting.

(10 marks)

7. Discuss briefly the various methods of forecasting demand.

(10 marks)

8. Discuss briefly different cost concepts relevant to managerial decisions of planning and control.

(10 marks)

9. **Write short notes on:**

9A. Managerial economics and traditional economics

9B. Need for capital budgeting

(5 marks × 2 = 10 marks)

10. **Write briefly on the following:**

10A. Multiple product pricing

10B. Transfer pricing

(5 marks × 2 = 10 marks)

