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GIET UNIVERSITY, GUNUPUR – 765022

B. Tech (Seventh Semester – Regular) Examinations, November – 2023

BPECS7017 - Business Process Reengineering

(CSE,EEE)

Time: 3 hrs

Maximum: 70 Marks

Answer ALL Questions

The figures in the right hand margin indicate marks.

PART – A: (Multiple Choice Questions)

(1 x 10 = 10 Marks)

Q.1. Answer ALL questions

- a. Who maintains the Relationship management Plan?
 - (i) Business Analyst
 - (ii) Project Manager
 - (iii) Relationship Manager
 - (iv) Development Team
- b. What is an Organizational Readiness assessment?
 - (i) Measurement of time required in a project
 - (ii) Measurement of resources required in a flow of activity
 - (iii) Measurement of preparedness to undergo a change
 - (iv) Assessment of scope in a change
- c. The components of RAD does not include
 - (i) Activities
 - (ii) External Events
 - (iii) States
 - (iv) Users
- d. For easy analysis a Data Flow diagram can be drilled down to its sub-processes and can be called
 - (i) Leveled DFD
 - (ii) Structured DFD
 - (iii) Sub-DFD
 - (iv) Detailed DFD
- e. Validation of a system using calculations and models”. Which Requirement Confirmation does the statement refer to?
 - (i) Inspection
 - (ii) Analysis
 - (iii) Test
 - (iv) None of the above
- f. Which of the following is not a type of requirement confirmation?
 - (i) Inspection
 - (ii) Analysis
 - (iii) Demonstration
 - (iv) Development
- g. CPN is a graphically oriented language for
 - (i) Specification
 - (ii) Design
 - (iii) Stimulation
 - (iv) Verification
- h. Which of the following is not a stage in Gap Analysis?
 - (i) Review System
 - (ii) Comparison
 - (iii) Recommendations
 - (iv) Workflow Modeling
- i. Which of the following refers to Gantt Charts?
 - (i) Represents the total span of an object, broken into increments. Vertical axis represents tasks and horizontal axis defines duration.
 - (ii) Used for modeling activities for system analysis, design and integration

- (iii) A representation of a flow of activities and control logic for related activities or actions
- (iv) None of the above
- j. Which of the following is not a Requirement Analysis Technique?
- (i) BPMN (ii) UML
- (iii) RAD (iv) None of the above

PART – B: (Short Answer Questions)

(2 x 10 = 20 Marks)

Q.2. Answer ALL questions

- Define BPR.
- What are the phases of BPR?
- Mention the objectives of BPR.
- What are the challenges faced by the BPR Process?
- Mention the advantages of BPR.
- Mention the disadvantages of BPR.
- Explain the MoSCoW Analysis method.
- Define Business requirement, Solution requirement, transition requirement and stakeholder requirement.
- How are the responsibilities of an Executive Sponsor, different from a Project Sponsor? Explain in detail
- What is an organization model? Define Matrix and Project Based organization model in detail.

PART – C: (Long Answer Questions)

(10 x 4 = 40 Marks)

Answer ALL questions

Marks

- What is DFD? Explain in detail with an example. Use diagrams wherever necessary. 5m
 - What is UML? Explain in detail with an example. Use diagrams wherever necessary 5m

(OR)

 - What is BPMN? Explain in detail with an example. Use diagrams wherever necessary 5m
 - What do you mean by Requirement analysis techniques? What are the key components present in a requirement analysis technique? 5m
- What do you mean by requirement confirmation technique? Explain “Inspection” technique in detail with examples. 5m
 - What do you mean by requirement confirmation technique? Explain “Test” technique in detail with example. 5m

(OR)

 - Explain Roles and responsibilities of various stakeholders in the project teams in detail. 5m
 - In continuation to above, after 1 month of tireless work, you are provided a fresh set of requirements to analyze for the above proposal. How will you manage this scenario? 5m
- An organization based out of Hyderabad has planned to open a new office in next 12 months in New Delhi. You are the business analyst and have been appointed to conduct a feasibility study and hand over the final business plan to the management. Your research will help the management make a go-no-go decision. List down the different steps which you will be following, beginning from project assignment to handing over the proposal to the managers 5m

- b. You are monitoring the temperature and RPM of a diesel engine in a simulator. The testing has been done in outdoor and indoor environments for the engine and results are satisfactory. The result of this exercise was used to determine the success of the equipment. Which requirements validation techniques have been used? 5m
- (OR)
- c. During the requirements verification process, you call a formal meeting of stakeholders and review the requirements document. The domain SME mentions that there is a technical inconsistency but the implementation SME confirms that the issue is resolved. Which requirements verification techniques have been used here? 5m
- d. Identify the technique for business planning approach you would take in the below and explain why: 5m
You are required to prepare a detailed plan with clear documentation for an building contract
6. a. Explain longer-term term solutions to solve cash flow problems. 5m
- b. Why is SWOT analysis used by organizations? 5m
- (OR)
- c. What do you mean by requirement confirmation technique? Explain “Inspection” technique in detail with example. 5m
- d. What are the 4 requirements that make a difference in creating solutions? 5m

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