

Q1: Choose the correct answer by ticking, encircling the correction option. No marks will be awarded for cutting, overwriting or selecting multiple options. 9 [10 marks]

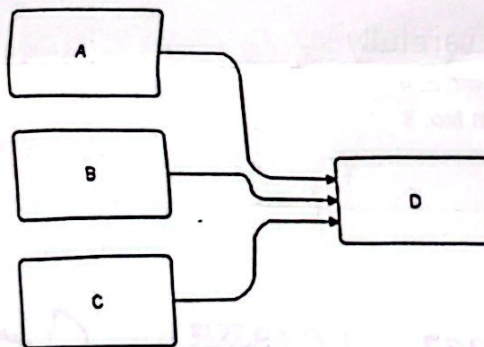
1. What is the primary purpose of Business Process Modeling (BPM)?

- A) Generating Revenue
- ☒ B) Analyzing, designing, and optimizing business processes
- C) Marketing Strategy
- D) Employee Training

2. In BPMN, what does a gateway represent?

- ☒ A) A decision point
- B) A starting point
- C) An end point
- D) A documentation point


3. In the process shown, which statement describes the behavior of the activities?



- A) C awaits A and B to complete
- B) Activity A starts
- ☒ C) Activities A,B, and C are executed in parallel
- D) The process diagram is ambiguous. There should be a message or a start

4. Which of the following is an example of a BPMN flow object?

- A) Data Table
- B) Decision Tree
- ☒ C) Activity
- D) Stakeholder Matrix

5. Which BPMN event represents a point in time in the process that triggers or interrupts the normal flow?
- A) Start Event
 - ☒ B) Intermediate Event
 - C) End Event
 - D) Exclusive Gateway
6. What is the purpose of a BPMN exclusive gateway? 
- A) To start a process
 - ☒ B) To make decisions based on conditions
 - C) To end a process
 - D) To represent a subprocess
7. What is the significance of a subprocess in BPMN?
- A) It represents the end of a process.
 - ☒ B) It is a separate, self-contained process within the main process.
 - C) It signifies a decision point.
 - D) It denotes a start event.
8. In business process modeling, what does the term "as-is" refer to?
- ☒ A) The initial state of a process before any changes.
 - B) A future state of a process after optimization.
 - C) A decision point in a process.
 - D) The end state of a process.
9. Which BPMN symbol is used to represent the flow of messages between two participants in a process?
- ☒ A) Message Event
 - B) Message Flow
 - C) Data Object
 - D) Intermediate Event
10. What does the term "continuous improvement" mean in the context of business process engineering?
- A) Making sporadic changes to processes.
 - B) Making changes only when major issues arise.

✓ C) Making ongoing, incremental improvements to processes.

D) Maintaining the status quo.

Q2: Using Basic BPMN notations, model the following scenario.

7 [10 marks]

→ so artifacts, time out, etc. were not used

FAST Solutions is a software house that needs to hire BPE. Following is their hiring process.

Hiring process is started by the HR department by receiving an email from the Operations Director for hiring new resources. Hiring process then starts by creating and posting a job vacancy. Once posted, they receive the applications from the interested candidates.

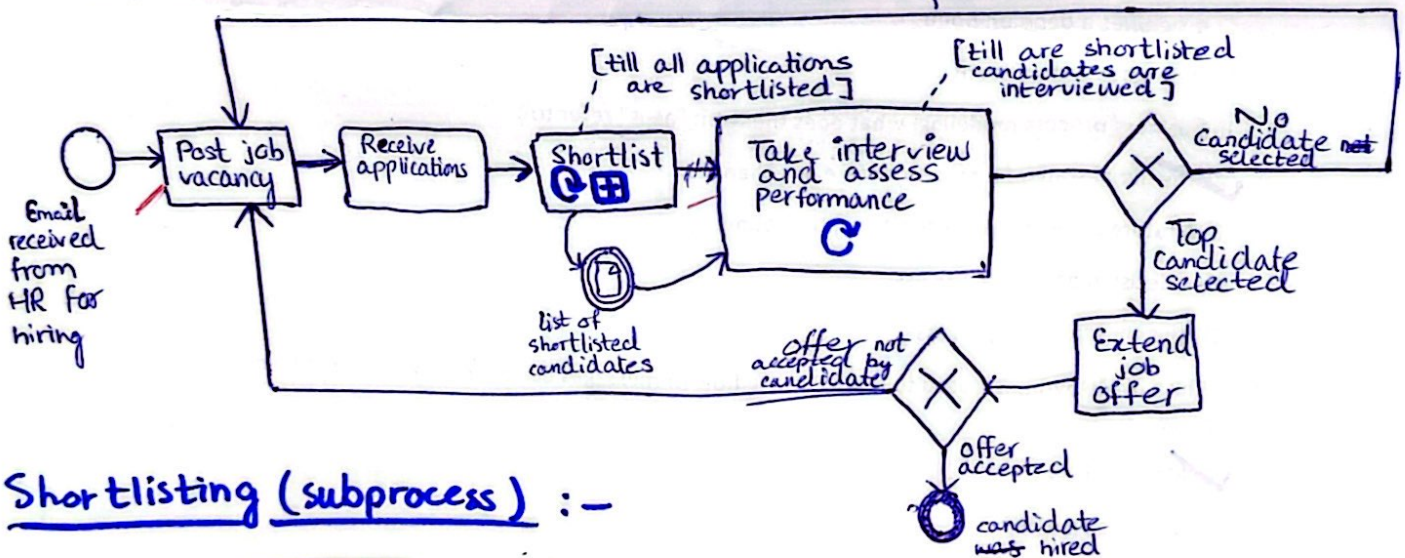
Applications are then vetted and some applicants are shortlisted that meet the criteria for the job. Shortlisted candidates are then interviewed and their performance in the interview is assessed.

If the candidate is selected after the interview, they are extended a job offer. If a candidate accepts the offer the hiring process completes. If candidate rejects the offer the process is repeated from the posting the job again.

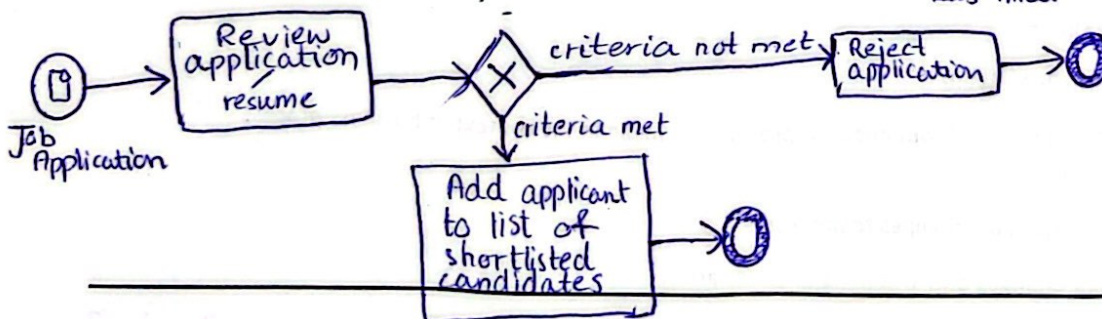
Answer:

Hiring Process :-

[if no candidate selected then go back to post Job Vacancy is my own assumption based on logical reasoning]



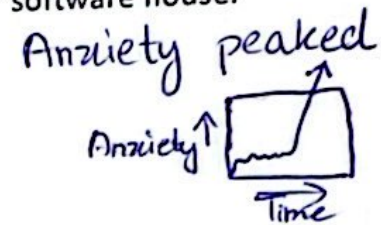
Shortlisting (subprocess) :-



Q3: Draw a landscape architecture diagram for "Fast Solutions" software house.
(For Section A & B only)

[10 marks]

↓
(As a section C
student, I kind
of felt offended
by this) 😞



Q4: Please answer all questions carefully
(For Section C & D only)

[10 marks]

a) What are different types of business processes? [2 marks] ✓

Business processes can be of various types and categories such as:-

- Order-to-cash
- Procure-to-pay
- application-to-approval
- Claim-to-settlement
- dispute-to-resolution

etc.

- Within these, individual steps might be:

1) Core process
2) Support process
3) Management process } Fort model

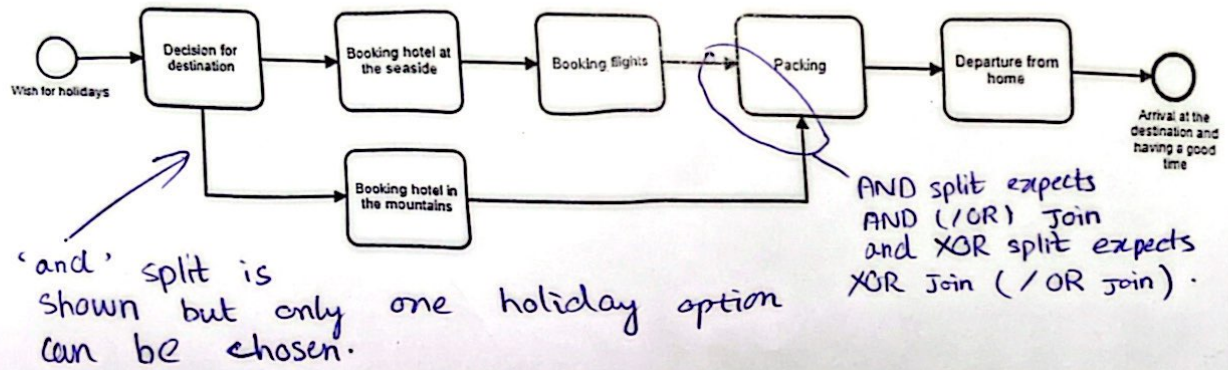
b) When should we decompose a process model into a subprocess? [2 marks] ✓

When there is an independent, separate and self-contained subprocess within the main process. This ensures better readability and understandability of the diagram. At the same time, decomposition into subprocesses offers modularity and reusability of that subprocess reducing redundancy in the diagram.

c) What is Business Process? [2 marks] ✓

A collection of events (triggers), activities (actions), and decisions involving various actors, stakeholders and procedures (sequences of components) aimed at delivering value (benefits) to either an organization/customer or the business itself (or both).

- d) Do you think the following BPMN model is correct? If not, please fix the model by drawing the correct model below. [4 marks] *ix*



Correct Diagram :-

