UNIVERSITY OF THE PUNJAB
Seventh Semester – 2019
Examination: B.S. 4 Years Program

Roll No. in Fig. ....

Roll No. in Words. ....

....

PAPER: Project Management
Course Code: IT-404   Part–I (Compulsory)

Attempt this Paper on this Question Sheet only.
Please encircle the correct option. Division of marks is given in front of each question.
This Paper will be collected back after expiry of time limit mentioned above.

Q.1.   Encircle the right answer, cutting and overwriting is not allowed.   (1x10=10)

1) Which of the following is not a potential advantage of using good project management?
   a. Shorter development times
   b. Higher worker morale
   c. Lower cost of capital
   d. Higher profit margins

2) Which of the following is not part of the three-sphere model for systems management?
   a. business
   b. information
   c. technology
   d. organization

3) Which of the following items is not normally included in a project charter?
   a. the name of the project manager
   b. budget information
   c. stakeholder signatures
   d. a Gantt chart

4) Which tool or technique for collecting requirements is often the most expensive and time consuming?
   a. interviews
   b. focus groups
   c. surveys
   d. observation

5) You cannot start editing a technical report until someone else completes the first draft. What type of dependency does this represent?
   a. finish-to-start
   b. start-to-start
   c. finish-to-finish
   d. start-to-finish

6) What tool can you use to determine whether a process is in control or out of control?
   a. a cause-and-effect diagram
   b. a control chart
   c. a run chart
   d. a control panel diagram

P.T.O.

7) _____ power is based on a person's individual charisma.
   a. Affiliation
   b. Referent
   c. Personality
   d. Legitimate

8) In face-to-face interactions, how is most information conveyed?
   a. by the tone of voice
   b. by the words spoken
   c. by body language
   d. by the location

9) Your project involves using a new release of a common software application, but if that release is not available, your team has _____ plans to use the current release.
   a. contingency
   b. fallback
   c. reserve
   d. mitigation

10) Buyers often prepare a list when selecting a seller to make the process more manageable.
   a. preferred
   b. short
   c. qualified suppliers
   d. BAFO

UNIVERSITY OF THE PUNJAB

Seventh Semester – 2019

Examination: B.S. 4 Years Program

Roll No. ....

PAPER: Project Management

Course Code: IT-404   Part – II

MAX. TIME: 2 Hrs. 45 Min.

MAX. MARKS: 50

ATTEMPT THIS (SUBJECTIVE) ON THE SEPARATE ANSWER SHEET PROVIDED

Q.2.   Explain the short questions.   **(10 x 2 = 20)**

1. Define Triple Constrains?
2. Define Project Management?
3. Differentiate b/w Project Management and Project portfolio management?
4. What do you know about WBS?
5. Name techniques of cost estimation?
6. List reasons why Organizations out-source?
7. List the tools and techniques for performing risk monitoring and control?
8. Enlist the processes involved in Project Human Resource Management?
9. Explain RACI charts?
10. What are bench marks?

Q.3.   Explain the detailed questions.   **(3 x 10 = 30)**

i.   Explain project cost management processes. Also explain basic principal of the cost management?

ii.

Activity	Initial Node	Final Node	Estimated Duration
A	1	2	2
B	2	3	2
C	2	4	3
D	2	5	4
E	3	6	2
F	4	6	3
G	5	7	6
H	6	8	2
I	6	7	5
J	7	8	1
K	8	9	2

Calculate Early Start, Early Finish, Late Start, Late Finish, Free slack, and total slack for above data? Show critical path and enlist result in a tabular format?

iii.

What is the difference between brainstorming and the Delphi technique for risk identification? What are some of the advantages and disadvantage of each approach?

Q.1.   Answer the following short questions: (6x5=30)

1. Name the processes of "Project Time Management"?

2. Differentiate 'Project' and 'Program' with example?

3. Explain "Matrix Organization"?

4. Define 'Quality' by taking example?

5. Explain the concept of "Resource Breakdown Structure"?

6. Explain "start to start" and "finish to finish" dependencies with respect to "activity sequencing"?

Q.2.   Answer the following questions.   (3x10=30)

1. What is the concept of "stake holders" in project management? Explain its types in details by taking relevant examples?

2. Explain the processes of "Project Time Management" in details?

3. Explain at least two techniques of cost estimations in details by taking relevant examples?

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Attempt this Paper on Separate Answer Sheet provided.

Short Questions (Marks 20)

Each question is of 2 marks

1. Explain RACI charts?

2. Explain staffing management plan?

3. What is WBS?

4. Explain project monitoring and controlling?

5. Explain risk register?

6. Differentiate 'Project' and 'Operation'?

7. Name three techniques of cost estimating?

8. If there are five team members, how many communication channels will be there?

9. Differentiate "Project Manager" and 'Sponsor'?

10. Name there techniques of conflict resolution?

Subjective Questions (Marks 30)

Question 1: (20 Marks)

a) Draw network diagram for following table?

b) Calculate Early Start (ES), Early Finnish (EF), Late Start (LS), Late Finish (LF), and Total Slack (TS) for each activity?

c) Show and explain critical path?

Activity	Time	Predecessor
A	10	-
B	7	-
C	5	A
D	13	A
E	4	B, C
F	12	D
G	14	E

Question 2: (10 Marks)

Explain qualitative and quantitative risk analysis?

UNIVERSITY OF THE PUNJAB

Seventh Semester 2015
Examination: B.S. 4 Years Programme : Roll No. ....

PAPER: Project Management
Course Code: IT-404

TIME ALLOWED: 2 hrs. & 30 mi
MAX. MARKS: 50

Attempt this Paper on Separate Answer Sheet provided.

Short Questions (Marks 20)

Each question is of 2 marks

1. Name and shortly explain triple constraints?
2. Enlist important skills and competencies for a project manager?
3. Differentiate 'direct' and 'indirect' cost with examples?
4. Define 'Benchmarking'?
5. Differentiate "quality control" and "quality assurance"?
6. Differentiate 'Project' and 'Program'?
7. Differentiate "qualitative risk analysis" and "quantitative risk analysis"?
8. Name the phases of "Project Life Cycle"?
9. Name three techniques of "Project Cost Estimation"?
10. Name the phases of "Team Development"?

Subjective Questions (Marks 30)

Question 1: (10 Marks)

a) Draw network diagram for following table?
b) Calculate Early Start (ES), Early Finnish (EF), Late Start (LS), Late Finish (LF), and Total Slack (TS) for each activity?
c) Show and explain critical path?

Activities	Immediate Predecessor	Duration (days)
A	---	9
B	---	8
C	A	7
D	B	7
E	A	7
F	B	5
G	C, D	10
H	E, G	5
I	G, F	12

Question 2: (10 Marks)

PV = Rs. 10000, EV = Rs. 5000, AC = Rs. 15000

Using the above date:

a) Calculate schedule variance, cost performance index, schedule performance index?
b) Use SPI to estimate how is project doing. Is it head of schedule or behind the schedule?

Question 3: (10 Marks)
Define "Software Configuration Management"? Explain its activities with examples?

UNIVERSITY OF THE PUNJAB

PAPER: Project Management
Course Code: IT-404

TIME ALLOWED: 2 hrs. & 30 mins.
MAX. MARKS: 50

Attempt this Paper on Separate Answer Sheet provided.

Short Questions (Marks 20)

Each question is of 2 marks

1. What is a Project?
2. Enlist important skills and competences for Project managers?
3. What are main processes involved in Project scope management just enlist?
4. What is WBS and WBS dictionary?
5. Describe two types of software that can assist in Project quality management?
6. What do you mean by hierarchy of needs theory?
7. If there are 12 team members, how many communication channels will be there?
8. Briefly explain five basic techniques (modes for handling conflicts) conflicts resolution?
9. How to 'acquiring the Project team"?
10. Explain responsibility assignment matrix (RAM)?

Subjective Questions (Marks 30)

Question 1: (15 Marks)

What is the difference between brainstorming and the Delphi technique for risk identification? What are some of the advantages and disadvantage of each approach?

Question 2: (15 Marks)

Activities	Time	Predecessor
A	10	-
B	7	-
C	5	A
D	13	A
E	4	B, C
F	12	D
G	14	E

Calculate Early Start, Early Finish, Late Start, Late Finish, Free slack, and total slack for above data? Show critical path and enlist result in a tabular format?

UNIVERSITY OF THE PUNJAB

Roll No. 009488

PAPER: Project Management
Course Code: IT-404

TIME ALLOWED: 2 hrs. & 30 mins.
MAX. MARKS: 50

Attempt this Paper on Separate Answer Sheet provided.

Short Questions (Marks 20)

Each question is of 2 marks

1. What is a project?

2. Define Quality with respect to triple constraints?

3. Differentiate software development life cycle and project life cycle?

4. Explain projectized organization?

5. Name techniques of budget estimation?

6. List reasons why Organizations use 'benchmarking'?

7. List the tools and techniques for performing risk quantitative analysis?

8. Enlist the processes involved in Project communication Management?

9. Explain RACI charts?

10. Define "Project baseline"?

Subjective Questions (Marks 30)

Question 1: (15 Marks)

Explain project time management processes in details?

Question 2: (15 Marks)

Define Software Configuration Management? Explain its processes in details by taking relevant examples?

End of Question Paper

UNIVERSITY OF THE PUNJAB

Seventh Semester 2018
Examination: B.S. 4 Years Programme

PAPER: Project Management
Course Code: IT-404

TIME ALLOWED: 2 hrs. & 30 mins.
MAX. MARKS: 50

Attempt this Paper on Separate Answer Sheet provided.

Short Questions (Marks 20)

Briefly explain the following questions. (5*4=20)

1. Name the "Knowledge Areas of Project Management"?
2. Differentiate 'Project' and 'Program'.
3. Explain the criteria to select project by using "cost benefit analysis"?
4. Define "Slack Time"?
5. Differentiate "Quality Control" and "Quality Assurance "?

Subjective Questions (Marks 30)

Explain the following questions

Q1. (15 Marks):

Explain the "Project's life cycle" in details?

Q2. (15 Marks):

Explain any one technique to "Sequence the activities" by taking relevant example?