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200916

POST GRADUATE DIPLOMA

Public Health

Subject: Project Management

Subject Code: IDGE-001

Semester: Second

September 2020

Theory (External): 70 Marks

Time: 03 Hours

INSTRUCTIONS TO THE STUDENTS

1. Read the questions carefully and write the answers in the answer sheets.
2. Wherever necessary, the diagram drawn should be neat and properly labelled.
3. This questions paper comprises of 8 questions out of which student need to attempt any 4 questions.
4. All questions carry equal marks.
5. The time allotted will be 3 hours for examinations including time of downloading of question paper to emailing of answer books to the concerned Dean/IC.

ESSAY TYPE QUESTIONS

1. Explain project life cycle and discuss various phases of project life cycle.
2. Describe scope and various constraints of project management.
3. Describe different steps in project planning process. Also discuss briefly: conceptual plan and plan document.
4. What is the objective of project control? How do you design a project control system?
5. Write briefly on:
 - a) Work Breakdown Structure.
 - b) Concept and importance of project integration.
6. Explain:
 - a) Critical factors for project success.
 - b) Common reasons for project termination.
 - c) Different types of project termination.
7.
 - a) Explain 'project uncertainty'.
 - b) A small maintenance project consists of the following 12 jobs:

Job	1-2	2-3	2-4	3-4	3-5	3-6	4-5	4-6	5-6
Time (days)	3	3	2	0	3	2	7	5	6

- i. Draw network of the project,
 - ii. Find duration and critical path of the project.
8. Draw a network with given data. Also determine the critical path and the project time.

SN	Activity	Predecessor Activity	Duration (days)
1	1 - 2	-	3
2	1 - 3	-	4
3	2 - 4	1 - 2	7
4	2 - 5	1 - 2	5
5	3 - 5	1 - 3	8
6	3 - 6	1 - 3	7
7	4 - 7	2 - 4	6
8	5 - 7	2 - 5 ; 3 - 5	10
9	6 - 7	3 - 6	6
10	7 - 8	4 - 7 ; 5 - 7 ; 6 - 7	5

*******END OF PAPER*******