

KATHMANDU UNIVERSITY
End Semester Examination
February/March, 2019

Marks Scored:

Level : B. E.

Year : IV

Exam Roll No. :

Time: 30 mins.

Registration No.:

Course : GEOM 401

Semester : I

F. M. : 10

Date

FEB 18 2019

SECTION "A"

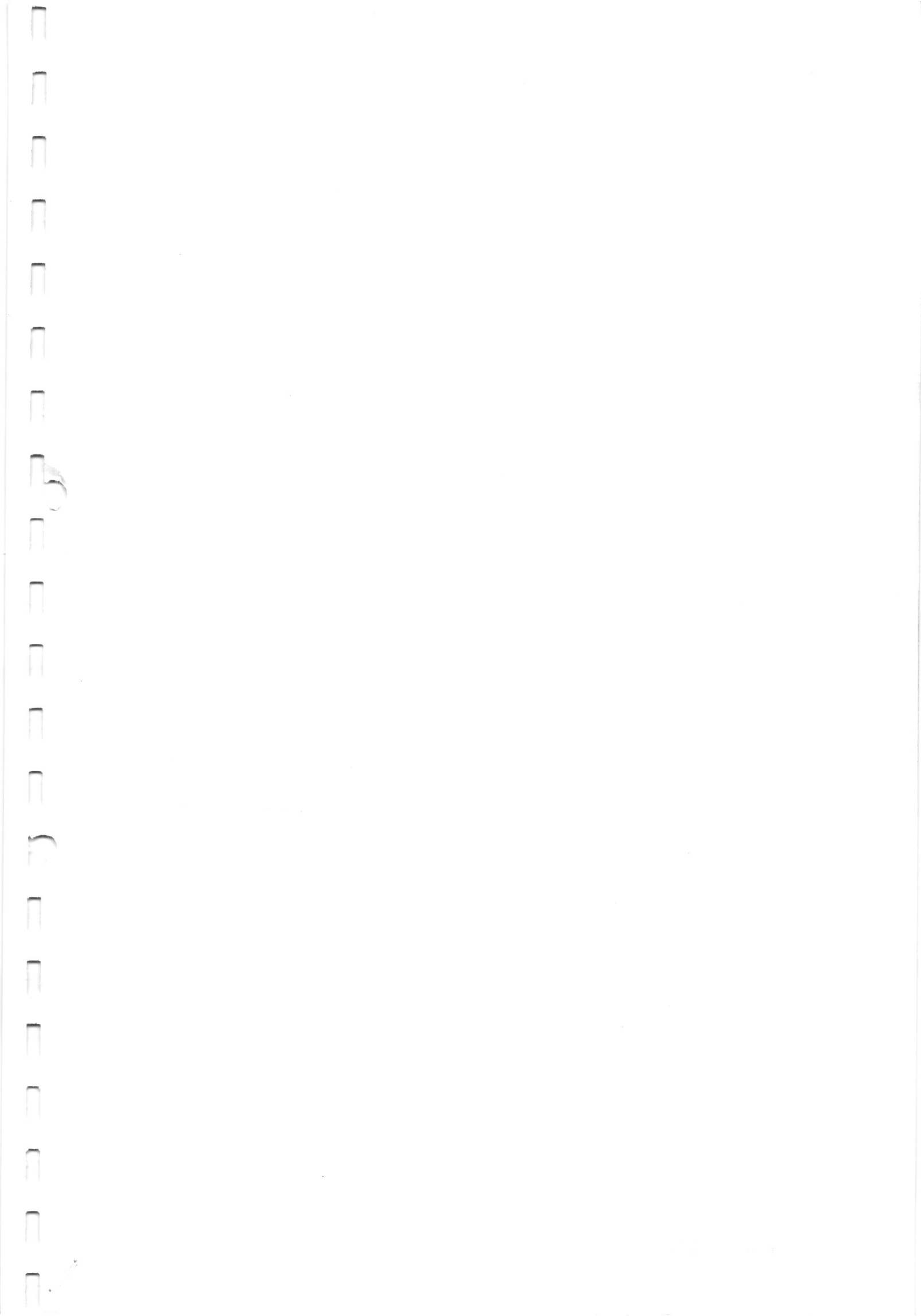
[20 Q. × 0.5 = 10 marks]

Choose the most appropriate answer among the given choices.

1. A project is
 - a) a large dam constructed across a river for a single or multi-purpose
 - b) any job involving many people and large money
 - c) a work of major importance involving huge men and material
 - d) an organized team work to achieve a set task within the lime limit
2. Critical path is that sequence of activities and events where there is no "slack" with
 - a) Shortest path through a network and maximum project completion time
 - b) Longest path through a network and maximum project completion time
 - c) Shortest path through a network and minimum project completion time
 - d) Longest path through a network and minimum project completion time
3. As one of the rules for communication, A. B. C. stands for
 - a) Always-Be-Cool
 - b) Activity-Based-Costing
 - c) Always-Be-Careful
 - d) Accuracy-Brevity-Clarity
4. The full form of CPM is
 - a) Capital Project Management
 - b) Control Program Monitor
 - c) Critical Path Method
 - d) Chief Project Manager
5. In the project network analysis, nodes and arrows are used considering the following
 - a) An arrow indicates event while a node represents and activity
 - b) Activity on node represents order of events while activity on arrow indicates a completion of an activity
 - c) Activity on node represents order of events while activity on arrow indicates a task
 - d) An arrow indicates activity while a node represents and event
6. Project Implementation consists of
 - a) Concept, Time Management, Monitoring and Negotiation
 - b) Time Management, Negotiation, Monitoring and Conflict Environment
 - c) Concept, Conflict Environment, Monitoring and Negotiation
 - d) Concept, Time Management, Conflict Environment and Negotiation

7. Conflict management in project consists of
 - a) Conflict reduction, Better coordination and Improved communication
 - b) Conflict reduction, Conflict resolution and Conflict stimulation
 - c) Conflict stimulation, Goal clarity and Negotiation
 - d) Conflict resolution, Confrontation and Mediation
8. Crashing of the project means
 - a) Reducing the time of completion by spending more resources
 - b) Reducing the cost of project by delaying the time of completion
 - c) Reducing the project size to save the resources
 - d) Enlarging the project size to increase the resources
9. David I. Cleland defines project monitoring as
 - a) "means to keep track of and to evaluate systematically all project activities."
 - b) "means to keep track of and to check systematically all project activities."
 - c) "means to evaluate and to check systematically all project activities."
 - d) "means to report and to record systematically all project activities."
10. PERT as a planning tool is
 - a) Activity oriented
 - b) Event oriented
 - c) Resource Oriented
 - d) Time oriented
11. Which of the following is not included under best trait of manager in survey management?
 - a) Fair/ Just in decisions
 - b) Trusting
 - c) Empowering
 - d) Deceitful
12. Stress occurs when the pressure is
 - a) Equal to the resource
 - b) Greater than the resource
 - c) Less than the resource
 - d) Equal to the resource but less than mind traps
13. On which stage, the assessment of impact of project is carried out?
 - a) On-going process
 - b) At Mid
 - c) At termination of project
 - d) At ex - post
14. Elements of Project Management Information System (PMIS) are
 - a) Inputs, Transformation, Outputs, and Feedback
 - b) Data analysis, Data storage, Data Retrieval, and Data dissemination
 - c) Data generation, Regular reports, Special reports, and Schedule control
 - d) Network analysis, Gantt Chart, Operating budget, and Auditing

15. Henry Gant developed bar chart technique in.....A.D.
a) 1880 b) 1900 c) 1940 d) 2000
16. Information gathering, analysis, and problem solving from employees and customers is a part of
a) Self-management competency
b) Teamwork competency
c) Communication Competency
d) Planning and Administration Competency
17. Milestones are
a) The events specifying the beginning and/or the end of subdivided activities
b) The stones indicating the distance along a highway
c) Dates of important happenings in the history of any nation
d) Same as bar chart
18. S-T strategies aims to:
a) Pursue opportunities that are good company's fit to the company's strength
b) Identify ways to use strengths to reduce vulnerability to external Threats
c) Establish a defensive plan to prevent the firms weakness from making it highly susceptible to external threats
d) Overcome weaknesses to pursue opportunities
19. Which of the following procurement method has to be followed when foreign goods or construction works have to be procured from foreign assistance source
a) Direct purchase
b) Sealed quotation
c) National competitive bidding
d) International Competitive bidding
20. Which of the following is not included in maintenance stage of Human Resource management?
a) Employee welfare program
b) Motivation and reward
c) Grievances handling
d) Discipline



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SECTION "B"

[6 Q × 4 = 24 marks]

Attempt *ALL* questions. Answers should be clear and to the point.

1. What are the stages of Human Resources Management (HRM) in survey project? Explain. Why stress and safety management is very important in survey management? [2+2]
2. Differentiate management versus administration. What are the roles, traits, and skills of a survey manager? [2+2]
3. Explain the SWOT analysis with reference to a certain survey project. [4]
4. Explain the causes of a project failure and also factors for its success. Describe the broad dimensions of human personality and the types of workplace behavior. [2+2]
5. Write short notes on (*ANY TWO*) [2+2]
 - a) Crisis management
 - b) Project identification
 - c) Components of survey management
6. Define project implementation. Explain the objectives of project monitoring. Discuss on types of evaluation. [2+1+1]

SECTION "C "

[2 Q × 8 = 16 marks]

Attempt *ANY TWO* questions. **Question no. 9 is compulsory.** Answers should be clear and to the point.

7. Differentiate between Quotation and National Competitive Bidding method of procurement. Describe procurement process with diagram. Explain pre bid meeting and contract document in procurement. [2+2+2+2]
8. Explain the success tips for survey project management. Discuss on SMART goals setting in survey project management? What are the sources of conflict in survey project management? [2+2+4]

9. Explain the CPM and PERT method with appropriate illustration. The following is the information on network analysis of a minor redesign of a product and its associated packaging. How long will it take to complete this project? Indicate appropriate network diagram.

[2+6]

Activity Number	Particulars	Completion Time (Weeks)	Immediate predecessor Activities
1	Redesign product	6	-
2	Redesign packaging	2	-
3	Order and receive components for redesigned product	3	1
4	Order and receive material for redesigned packaging	2	2
5	Assemble products	4	3
6	Make up packaging	1	4
7	Package redesigned product	1	5,6
8	Test market redesigned product	6	7
9	Revise redesigned product	3	8
10	Revise redesigned packaging	1	8
11	Present results to the Board	1	9,10