| Seat No.: | Enrolment No. |
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GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER- V • EXAMINATION – WINTER 2016

Subject Code: 152505 Date: 28/11/2016

Subject Name: Project Management

Time: 10:30AM – 01:00PM Total Marks: 70

| | | ons: | | | | | | | | | |
|------------|---|--|---|---|--|--|--|--|--|--|------------|
| | 200 | Attempt all | | | | | | | | | |
| | 2. | | | | | | ary. | | | | |
| | 3. | Figures to t | he right | indicate f | ull marks | S. | | | | | |
| Q.1 | (a) | Elaborate various phases of project management. | | | | | | | | | |
| | (b) | Explain the so | cope trian | igle with i | ts utility. | | | | | | |
| Q.2 | (a) | Write on worl | | | | | | | | | |
| | (b) | Describe with | example | on projec | | | am. | | | | |
| | (h) | Write the hon | ofita of m | | | OR | | | | | |
| | (b) | Write the bend | | | _ | | | | | | |
| Q.3 | (a) | Draw a Gantt | chart for | | | | | | the tal | ole below | <i>7</i> . |
| • | | Activity A | | Duration 5 | i (days) | | Predec | essor | | | |
| | | В | | 10 | | | | A | | | |
| | | C | | 15 | | | | - | | | |
| | | D | | 5 | | | | B,C | | | |
| | | E | | 10 | | | | - | | | |
| | | F Calculate the t | total proj | 5 | 2.0 | | | E | | | |
| | | Calculate the | iotai proj | ect durain |)11. | | | | | | |
| | (b) | Construct a ne | twork fo | r the pred | ecessor re | lation | from g | iven bel | ow deta | ils | |
| | (-) | | | P | | | 6. | . rem cer | o ii deta | 113. | |
| | | Activity | | B C | D | Е | F | G | Н | K | L |
| | | Predecessor | <u> </u> | A A | В | С | C | D,E | G,F | G | H,K |
| Q.3 | (0) | Evaluin the m | ethods fo | r octimati | | R | | 1.1.4 | | | |
| Q.S | (a) | Explain the me requirement in | briof | restimati | ig activity | aurat | ion and | determ | ining re | esource | |
| | | | I DITEL. | | -11 | | | | | | |
| | (b) | Differentiate (| | PERT in | | also s | tate the | ir applic | cation. | | |
| 0.4 | | | CPM and | | detail and | | | | | at tool9 | |
| Q.4 | (a) | What is crashi | CPM and ng? In wl | hat ways o | detail and | a use | ful proj | | | nt tool? | |
| Q.4 | (a) | | CPM and ng? In wl | hat ways o | detail and crashing is with a case | a use | ful proj | | | nt tool? | |
| Q.4 Q.4 | (a) (b) | What is crashi Explain work p | CPM and ng? In wl package i | hat ways on detail was Matrix st | detail and crashing is vith a case | a use proble | ful proj em. | ect man | agemer | | |
| | (a) (b) | What is crashi Explain work p Discuss Functi Organizational | CPM and ng? In wl package i ional and l environi | hat ways on detail was Matrix standari. | detail and crashing is vith a case Cructures for | proble or proj | ful proj em. ect ma | ect man | agemer | ditional | |
| | (a) (b) (a) (b) | What is crashi Explain work p | CPM and ng? In what package in ional and henviron PExplair | hat ways of an detail was matrix standard. | detail and crashing is with a case Cructures for the signif | a user proble OR or proj | ful projem. ect ma | ect man | agement in tra | ditional | at, and |
| Q.4 | (a) (b) (a) (b) | What is crashi Explain work p Discuss Functi Organizational What is Slack zero float. Des | CPM and ng? In wl package i ional and l environ ? Explair fine: Tota | hat ways on detail was Matrix standard. in brief all float, Fi | detail and crashing is with a case Cructures for the signification of the contraction of | proble OR or proj icance nd Inde | ful projem. ect ma of posepende | nagementsitive float. | agemen | ditional | |
| | (a)(b)(a)(b)(a) | What is crashi Explain work p Discuss Functi Organizational What is Slack zero float. Det What are work explain the me | CPM and ng? In wl package i ional and I environ ? Explair fine: Tota x package eaning of | Matrix st ment. in brief al float, Fi s? State a the project | detail and crashing is with a case Cructures for the signifulation of the control | a user problem or project proj | ful projem. ect ma of posepende urposes | nagement sitive float. | agemen | ditional | |
| Q.4 | (a)(b)(a)(b)(a) | What is crashi Explain work p Discuss Functi Organizational What is Slack zero float. Det | CPM and ng? In wl package i ional and I environ ? Explair fine: Tota x package eaning of | Matrix st ment. in brief al float, Fi s? State a the project | detail and crashing is with a case Cructures for the signifulation of the control | a user problem or project proj | ful projem. ect ma of posepende urposes | nagement sitive float. | agemen | ditional | |
| Q.4 Q.5 | (a) (b) (a) (b) (a) (b) | What is crashi Explain work p Discuss Functi Organizational What is Slack zero float. Des What are work explain the me Discuss the sel | CPM and ng? In what ional and lenviron Pexplair fine: Total package aning of lection cr | Matrix st ment. in brief al float, Fr s? State a the projectiteria for the | detail and crashing is with a case Cructures for the signiff ree float and explain at proposal the Core T | problem or project and Independent Indepen | ful projem. ect ma of posepende urposes Member | nagement sitive float. s of works. | agemer nt in tra pat, neg k packa | ditional ative floa ges. Brie | fly |
| Q.4 | (a)(b)(a)(b)(a)(b)(a) | What is crashi Explain work p Discuss Functi Organizational What is Slack zero float. Det What are work explain the me | cPM and ng? In what package is ional and henvirone? Explair fine: Total package aning of lection creators aff | Matrix st ment. in brief al float, Fr s? State a the projectiteria for the | detail and crashing is with a case Cructures for the signifface float and explain at proposal the Core Too | or projection of the project of the | ful projem. ect ma of posepende urposes Member hem in | nagement sitive float. It so of works. | agemer nt in tra pat, neg k packa | ditional ative floa ges. Brie able exan | fly |