Regi	stra	tion N	lo:											
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							: 3 Hou			EEN	TR	AL LIBO		
			M Water				Marks:					15		
		Answ	er Questi	on No.1	which	is c	ompuls	sor	y and	any f	ive	from th	e res	t.
Q1		Answ	er the foll	igures in			nand m	ıarç	1111 11110	Gleate	IIIc	arks.		(2 x 10)
GCI	a)	Dietir	auich het	ween an	activit	v and	d an eve	ent.	1	1:00		10 1		(-,,
	b)	Distir	iguish bet	ween A	OA and	IOA I	N netwo	ork o	diagra	m.	NUS	UP J.		
	c)	State	Fulkerso	n's rule t	or nun	nberii	ng the r	loge	es in a	a netw	ork.			
	d)		expected is meant								2			
	e) f)		arious ph											
	g)	Distir	nguish bet	ween m	onitori	ng an	nd contr	ol.						
	h)		e some to							ng and	co	ntrol.		
	i)	List v	arious typ	es of ris	ks ass	ociat	ed with	pro	ject.	e com	nlet	ed by a	nd	
	j)	of Ma	arch at bu	daeted c	ost of	10 la	kh rupe	es	But o	n revi	ew i	it was	IIu	
		found	d that only	fifty per	cent w	ork h	as beer	n cc	omple	ted at	act	ual		
		expe	nditure of	rupees !	9 lakhs	s. De	termine	Scl	nedule	e Perf	orm	ance		
		Index	x, Cost Pe	erforman	ce Inde	ex an	nd Critic	al R	Ratio					
Q2	a)	Write	e the duties and responsibilities of Project Manager.										(4)	
	b)	The state of the s											(3)	
	c)													(3)
Q3		Wha	t are diffe	rent type	s of fe	asibi	lity ana	lysis	s? Dis	cuss	vari	ous asp	ects	(10)
		that	are consid	dered in	analys	is of	technica	al fe	easibil	ity?				
Q4		Δ fir	m has th	ree nroi	ects A	В	and C	un	der d	onside	erat	tions. It	has	(10)
Q4		ident	tified critic	al factor	s as a	vaila	bility of	inp	uts, a	vailab	ility	of mar	kets,	
		ecor	omy of	operation	1. low	risk	, favou	rab	le go	vernm	ent	policy	and	
		com	patibility	with pro	moter'	s int	erest.	The	com	ipany	ha	s rated	the	
		impo	rtant facto	ors for ea	ach pro	oject	Weight	IIOW	Scc	ores (C) to	100)	7	
				raciois			vveignt		A	B		C		
		+	Av	ailability	of inpu	uts	0.20		90	85		85		
				ability of			0.20		75	90		50		
				E	conor	ny	0.20		50	90		85		
					ess ris		0.15		90	6		80	-	
			Favou	able gov			0.15		90	88	0	70		
					poli	Cy							_	

Which project should be selected? Give your recommendation with justification.

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60

80

70

(4)

(6)

Q5 a) Distinguish between Finish-to-start (FS), Start-to-start (SS), Finish-to-Finish (FF), and Start-to-finish (SF) relationship between activities

Compatibility

b) A project has 10 activities. The duration and precedence relationship between activities is given below.

Activity	Α	В	С	D	E	F	G	Н	1	J
Predecessor	-	-	Α	Α	Α	B,C	B,C	D,G	F,G	E,H
Duration	5	4	3	4	5	6	5	4	3	3

Draw network diagram and determine minimum duration of project. Find critical path and total float for each activity.

Q6 a) Explain the various methods of Project termination in detail.

(5)

Explain Project Audits and the various methods of Audits in detail.

(5)

a) If a project requires the expenditure of Rs. 18,00,000 and it is expected Q7 that the project will start yielding return at the end of three years as under.

(10)

Return after 3rd year Rs. 3,00,000
Return after 4th year Rs. 3,00,000
Return after 5th year Rs. 4,00,000
Return after 6th year Rs. 4,00,000
Return after 7th year Rs. 4,00,000
After end of 8th year, the project can be liquidated at Rs. 5,00,000. If present interest rate is 10%, evaluate weather this project is economically viable or not.

Write Short Notes (Any Two) Q8

 (5×2)

- a) GERT
 - b) Project Management Information System (PMIS)
 - c) Project Charter
 - d) Project Financing