

Dr. Sumedha Asora

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATION- DECEMBER, 2021

B.Tech 7th Semester

COURSE CODE: 19B1WCI736

MAX. MARKS: 35

COURSE NAME: Information Auditing & Risk Management

COURSE CREDITS: 3

MAX. TIME: 2 Hours

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

Q1. Suppose you run a business selling products online and your website unexpectedly crashes.

- Draw a fishbone diagram to perform a deep analysis of what caused the crash?
- Perform Force Field Analysis for the same with explanation [CO4, 5+5 Marks]

Q2.

- Compare and contrast the Quantitative and Qualitative risk assessment approaches.
- Explain the following risk models (i). Threats (ii). Likelihood (iii). Impact [CO5, CO1, 2+3 Marks]

Q3. Consider the case study and answer the following [CO2, CO3, 3+2 Marks]

AMF is a market leading, high technology manufacturing organization producing components for the computer industry. AMF has adopted a 'lean' approach to all its functions and has already made a decision to implement a new enterprise resource planning system (ERPS) to support the management of its customers, suppliers, inventory, capacity planning, production scheduling, distribution and accounting functions. The Board of AMF is considering the outsourcing of the design, delivery, implementation and operation of the ERPS to a specialist contractor that has an excellent reputation within the computer industry. A team would be set up within AMF to manage the transition.

- Identify the main risks involved in outsourcing the ERPS and suggests how these risks might be mitigated through internal controls and internal audit.
- Recommends the processes and controls that AMF should adopt to manage a project for successful transition to a chosen outsource supplier should that be the decision

Q4. Which risk analysis technique is applied as an outcome of Root Cause Analysis technique? Explain that technique in detail? [CO2, 5 Marks]

Q5. Comment on Quantifying Expert Judgment with example? [CO5, 5 Marks]

Q6. Attempt both the questions: [CO6, 2+(2+1) Marks]

- Differentiate PERT chart vs. Gantt chart

b) A company well-known for health supplements planned to make a new health drink for women. Considering the above table, determine the following:

- Project network;
- Expected duration and variance of every activity;

ACTIVITY	ACTIVITY DESCRIPTION	IMMEDIATE PREDECESSOR	OPTIMISTIC TIME ESTIMATE (T_O)	MOST LIKELY TIME ESTIMATE (T_M)	PESSIMISTIC TIME ESTIMATE (T_P)
A	Market Research and Analysis		10	50	90
B	Customer Need Identification	A	10	20	30
C	Product's Proposed Features and Specifications	A	15	20	25
D	Competitive Analysis	A	40	60	80
E	Sample Study	B	30	40	50
F	Product Development	C	40	50	120
G	Potential Market Analysis	D	10	30	50
H	Product Differentiation	D	10	20	30
I	Cost Estimation	E	5	10	15
J	Product Testing and Approval	F,G	30	35	70
K	Product Pricing	H,J	6	10	14
L	Product Launch	L,K	15	30	45

*****BEST OF LUCK*****