

Online Examination, University of Mumbai

Department: All
Revision: R2016
Semester: 8
Subject: Project Management (ILO8021)
Date of Examination: 2020-10-17

Q. 1	The criteria for evaluation of project needs	M	
Option 1	to be established from the beginning	CORRECT OPTION	
Option 2	to be controlled	0	
Option 3	to be examined	0	
Option 4	to be resolved	0	
Q. 2	A project organization is a structure that facilitates the coordination and	M	
Option 1	implementation of project activities	CORRECT OPTION	
Option 2	combination of project activities	0	
Option 3	maintaining portfolio	0	
Option 4	selection of different processes	0	
Q. 3	A project life cycle is the series of phases that a project passes through	M	
Option 1	from its initiation to its closure.	CORRECT OPTION	
Option 2	from its initiation to its end.	0	
Option 3	from its lower to its upper stage.	0	
Option 4	from planning to its execution.	0	
Q. 4	Project sponsor is the person or group that provides the	M	
Option 1	financial resources for the project.	CORRECT OPTION	
Option 2	patrons to the project	0	
Option 3	new directions to the project	0	
Option 4	support for the project	0	
Q. 5	Which of the following statement is true about a Program?	M	
Option 1	A program is a portfolio	0	
Option 2	A Program is a part of a big project	0	
Option 3	A Program is a group of related projects	CORRECT OPTION	
Option 4	A Program is a group of unrelated projects	0	
Q. 6	Which of the following statement is true about the Project Charter?	M	
Option 1	It is used to identify scope	0	
Option 2	It authorizes the existence of a project	CORRECT OPTION	
Option 3	It is a bidding document	0	
Option 4	It is used to rank the risks	0	
Q. 7	The project charter should be issued by whom?	M	
Option 1	The CFO	0	
Option 2	The head of the performing organization	0	
Option 3	A manager external to the project	CORRECT OPTION	
Option 4	One or more functional managers	0	
Q. 8	Pareto Chart helps you find:	M	
Option 1	Cause of variation	0	
Option 2	Cause of deviation	0	
Option 3	Minor sources creating the majority of problems	CORRECT OPTION	
Option 4	Majority of causes creating the minority of problems	0	

Q. 9	You have created the project charter but could not get it approved by senior management. Your manager and his boss have asked you to begin the project anyway. Which of the following actions is the best thing to do?	M	
Option 1	Focus on other projects that have a signed charter.	0	
Option 2	Update your Project Risk Log.	0	
Option 3	Show your manager the impact of proceeding without approval.	CORRECT OPTION	
Option 4	Start work on critical path tasks.	0	
Q. 10	Project selection is the process of ----	M	
Option 1	Implement all the necessary objectives of the parent organization will be achieve	0	
Option 2	Evaluating proposed projects or groups of projects, and then choosing to implement some set of them so that the objectives of the parent organization will be achieve	CORRECT OPTION	
Option 3	Implement some set of the objectives.	0	
Option 4	Selecting the groups of projects, and then to implement all of them so that the objectives of the parent organization will be achieve	0	
Q. 11	Which contract is considered most risky for the bidders?	M	
Option 1	Fixed Price	CORRECT OPTION	
Option 2	CPAF	0	
Option 3	Time & Material	0	
Option 4	Cost Reimbursable	0	
Q. 12	A project that has a negative cost variance and an SPI less than 1.0 means that the project is:	M	
Option 1	Over-budget and ahead of schedule	0	
Option 2	Under-budget and ahead of schedule	0	
Option 3	Over-budget and behind schedule	CORRECT OPTION	
Option 4	Under-budget and behind schedule	0	
Q. 13	Earned Value Analysis is used to measure performance based on following parameters:	M	
Option 1	Scope , Cost and Schedule	CORRECT OPTION	
Option 2	Scope and Cost	0	
Option 3	Scope and Schedule	0	
Option 4	Cost and Schedule	0	
Q. 14	What does the Schedule Performance Index (SPI) say about the project?	M	
Option 1	It says whether you are overspending or under-spending	0	
Option 2	It says whether you are ahead of or behind schedule	CORRECT OPTION	
Option 3	It says whether your process is under control or not	0	
Option 4	Specifies the control limits of the process	0	
Q. 15	Which of the following statements are not true regarding the Scope Management Plan ?	M	
Option 1	Provides guidance on how the Project Scope will be verified.	0	
Option 2	Provides guidance regarding the enterprise environmental factors and organizational process assets that would play a part.	0	
Option 3	Scope Management Plan is not a Part of the Project Management Plan.	CORRECT OPTION	
Option 4	Provides guidance on how the scope will be defined , documented monitored and controlled.	0	
Q. 16	If the planned value (PV) is \$275,000 and the earned value (EV) is \$300,000, the schedule variance (SV) is:	M	
Option 1	Negative 25000 USD	0	
Option 2	25,000 USD	CORRECT OPTION	
Option 3	575,000 USD	0	
Option 4	125,000 USD	0	
Q. 17	Money spent during a specific time period is known as:	M	

Option 1	Budgeted Cost	0	
Option 2	Planned Value	0	
Option 3	Actual Cost	CORRECT OPTION	
Option 4	Earned Value	0	
Q. 18	You are in charge of a project to build a bridge across a river. You are midway through the project. However due to changes in environmental laws the project can no longer proceed and would need to be terminated. Executive management has asked you to document the level of work completed for the project. This would be done in which of the processes ?	M	
Option 1	Project charter	0	
Option 2	Contract closure	0	
Option 3	Scope Verification	CORRECT OPTION	
Option 4	Project Closure	0	
Q. 19	A project is overbudget when	M	
Option 1	CPI > 1	0	
Option 2	SPI > 1	0	
Option 3	CPI and SPI > 1	0	
Option 4	CPI less than 1	CORRECT OPTION	
Q. 20	Project terminated due to conflict in senior management is called	M	
Option 1	Cross cultural termination	0	
Option 2	Senescence terminations	0	
Option 3	Political termination	CORRECT OPTION	
Option 4	Non political termination	0	
Q. 21	We demonstrate transparency in our decision-making process.	M	
Option 1	Respect Mandatory standard	0	
Option 2	Honesty Mandatory standard	0	
Option 3	Fairness aspirational standard	CORRECT OPTION	
Option 4	Responsibility Mandatory standard	0	
Q. 22	Project termination due to non cooperation among different culture groups is called	M	
Option 1	Non political termination	0	
Option 2	Cross cultural termination	CORRECT OPTION	
Option 3	Senescence terminations	0	
Option 4	Political termination	0	
Q. 23	We conduct ourselves in a professional manner, even when it is not reciprocated.	M	
Option 1	Respect Aspirational standard	CORRECT OPTION	
Option 2	Responsibility Mandatory standard	0	
Option 3	Honesty Mandatory standard	0	
Option 4	Respect Mandatory standard	0	
Q. 24	Virtual team failure is directly related to the difficulties of building	M	
Option 1	negative relationship	0	
Option 2	Trust	CORRECT OPTION	
Option 3	Partnership	0	
Option 4	Affection	0	
Q. 25	Virtual team is dispersed	M	
Option 1	Geographically	CORRECT OPTION	
Option 2	Physically	0	
Option 3	Technically	0	
Option 4	Mentally	0	

Online Examination, University of Mumbai

Department: All
Revision: R2016
Semester: 8
Subject: Environmental Management (ILO8029)
Date of Examination: 2020-10-17

Q. 1	Which of the following rivers is called the world's most polluted river?	M
Option 1	Cauvery River	0
Option 2	Yamuna River	0
Option 3	Ganga River	CORRECT OPTION
Option 4	Chenab River	0
Q. 2	Which one is the correct food chain?	M
Option 1	Phytoplankton → Zooplankton → Fish	CORRECT OPTION
Option 2	Zooplankton → Phytoplankton → Fish	0
Option 3	Zooplankton → Protozoans → Fish	0
Option 4	Grass → Fish → Zooplankton	0
Q. 3	Sustainable development can be thought of in terms of three spheres i.e.	M
Option 1	environment, economy and ecology	0
Option 2	environment, economy and equity	0
Option 3	environment, ecology and society	0
Option 4	environment, economy and society	CORRECT OPTION
Q. 4	Which of the following is not a waterborne disease?	M
Option 1	Measles	CORRECT OPTION
Option 2	Typhoid	0
Option 3	Cholera	0
Option 4	Hepatitis	0
Q. 5	Measuring BOD (biological oxygen demand) is primarily used for	M
Option 1	Estimating the quantity of organic matter in sewage water	CORRECT OPTION
Option 2	Determine the level of dissolved oxygen	0
Option 3	Determine rate of fish growth in sea water	0
Option 4	Estimating the types of microbes	0
Q. 6	Which of the following is a possible producer in an ecosystem?	M
Option 1	Plants	CORRECT OPTION
Option 2	Human beings	0
Option 3	Fish	0
Option 4	Animals	0
Q. 7	Which of the following conceptual components of the environment are effective transporters of matter?	M
Option 1	Atmosphere and lithosphere	0
Option 2	Atmosphere and hydrosphere	CORRECT OPTION
Option 3	Lithosphere and biosphere	0
Option 4	Hydrosphere and lithosphere	0
Q. 8	The developed countries consume how much percent of energy?	M
Option 1	30 Percent	CORRECT OPTION
Option 2	70 Percent	0
Option 3	20 Percent	0
Option 4	60 Percent	0

Q. 9	Food chain starts with	M
Option 1	Producer	CORRECT OPTION
Option 2	Omnivores	0
Option 3	Carnivores	0
Option 4	Herbivores	0
Q. 10	A promising direction towards sustainable development is to design systems that are	M
Option 1	flexible and reversible	CORRECT OPTION
Option 2	inflexible and irreversible	0
Option 3	inflexible and reversible	0
Option 4	flexible and irreversible	0
Q. 11	Which of the following parameter of light is NOT required by plants to grow?	M
Option 1	Color of light	CORRECT OPTION
Option 2	Duration of light	0
Option 3	Intensity of light	0
Option 4	Wavelength of light	0
Q. 12	Overgrazing results in:	M
Option 1	Productive soils	0
Option 2	Fertile soil	0
Option 3	Soil erosion	CORRECT OPTION
Option 4	Retention of useful species	0
Q. 13	Why plastics are difficult to recycle	M
Option 1	as it is hard material	0
Option 2	as it has different types of polymer resins	CORRECT OPTION
Option 3	due to different sizes of plastics	0
Option 4	it is very adhesive in nature	0
Q. 14	Why the recycled paper is banned for use in food containers?	M
Option 1	Because paper can be used only one time	0
Option 2	Because it creates a lot of spaces	0
Option 3	Because it creates contamination	CORRECT OPTION
Option 4	Because paper is very thick and can't cover the food containers	0
Q. 15	What does Liming of Soil mean	M
Option 1	Application of magnesium and calcium rich substances to soil	CORRECT OPTION
Option 2	Erosion of calcium carbonate(lime) zones in soil	0
Option 3	adding lime water in acid rain prone areas	0
Option 4	Excessive growth of lemon trees in acid rain regions	0
Q. 16	Which of the following data is not required for hazard identification?	M
Option 1	Estimation of risk	CORRECT OPTION
Option 2	Affected population	0
Option 3	Contaminant levels	0
Option 4	Land use	0

Q. 17	The most important agents for Ozone depletion are	M
Option 1	Nuclear Fallout	0
Option 2	CFC's	CORRECT OPTION
Option 3	Nitrous Oxide	0
Option 4	Methane	0
Q. 18	Which of the following can be recycled many times?	M
Option 1	Plastic	0
Option 2	Aluminum	CORRECT OPTION
Option 3	Wood	0
Option 4	Organic materials	0
Q. 19	What is the main use of Nuclear Energy	M
Option 1	To use it for alternate source of Energy	CORRECT OPTION
Option 2	To waste the excessive energy	0
Option 3	To kill the enemy nation	0
Option 4	To cause mutation for people who are working	0
Q. 20	The natural place of an organism is known as	M
Option 1	Habit	0
Option 2	Habitat	CORRECT OPTION
Option 3	Niche	0
Option 4	Biome	0
Q. 21	In the food relationship where the tiger eats the deer and the deer eats plants, which of the following condition is true?	M
Option 1	Tiger is the prey	0
Option 2	Deer is the prey	CORRECT OPTION
Option 3	Deer is predator	0
Option 4	Tiger is primary consumer	0
Q. 22	In which of the following form the waste products are not discharged into the biosphere	M
Option 1	Ionosphere	0
Option 2	Biosphere	CORRECT OPTION
Option 3	Lithosphere	0
Option 4	Mesosphere	0
Q. 23	The upper part of an aquatic ecosystem contains	M
Option 1	Plankton	CORRECT OPTION
Option 2	Hankton	0
Option 3	Nekton	0
Option 4	Benthos	0
Q. 24	The set of an ecosystem is called as	M
Option 1	structure	0
Option 2	climate	0
Option 3	subsystem	0
Option 4	Biome	CORRECT OPTION
Q. 25	Animals directly or indirectly depend for their food, protection & shelter on	M
Option 1	plants	CORRECT OPTION
Option 2	other animals	0
Option 3	other animals	0
Option 4	other animals	0

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Online Examination, University of Mumbai

Department: All
Revision: R2016
Semester: 8
Subject: Entrepreneurship Development & Management (ILO8023)
Date of Examination: 2020-10-17

Q. 1	One of the disadvantages of a franchise business for a franchisee is,	M
Option 1	Lack of brand identity.	0
Option 2	Lack of training	0
Option 3	Lack of market availability	0
Option 4	Lack of independence.	CORRECT OPTION
Q. 2	The oldest form of business organization is,	M
Option 1	cooperative society	0
Option 2	sole proprietorship.	CORRECT OPTION
Option 3	public limited company	0
Option 4	joint stock company	0
Q. 3	Drone entrepreneurs are those who,	M
Option 1	immediately copy the new inventions made by the innovative entrepreneurs.	0
Option 2	are reluctant to change since they are very conservative and do not want to make any changes	CORRECT OPTION
Option 3	invent the new ideas, new products, new production methods or processes.	0
Option 4	do not initiate any inventions but follow only successful idea.	0
Q. 4	Which one of the following actions by an entrepreneur is most likely to contribute the creativity?	M
Option 1	Risk taking	0
Option 2	Job creation and employment	0
Option 3	Raising of finance	0
Option 4	New product development	CORRECT OPTION
Q. 5	Women Entrepreneurs who are trained through specialized programmes to set up their own enterprise are known as	M
Option 1	Chance Entrepreneurs	0
Option 2	Affluent Entrepreneurs	0
Option 3	Created Entrepreneurs	CORRECT OPTION
Option 4	Rural Entrepreneurs	0
Q. 6	Government has facilitated which of the following to provide financial assistance to women entrepreneurs	M
Option 1	Financial schemes	CORRECT OPTION
Option 2	Industrial estates	0
Option 3	Training institutes	0
Option 4	Financial Advisors	0
Q. 7	The social entrepreneurship module differs from an NGO in this manner	M
Option 1	Create a social benefit	0
Option 2	Solve social issues	0
Option 3	Set up to bring some change in society	0

Option 4	Raise funds through charity	CORRECT OPTION
Q. 8	Which of the following is a pull factor for women entrepreneurs?	M
Option 1	Financial Problems	0
Option 2	Death of a breadwinner	0
Option 3	Unfortunate family circumstances	0
Option 4	Urge to establish identity and gain economic independence	CORRECT OPTION
Q. 9	What facilitates the development of entrepreneurial skills at college and institute level?	M
Option 1	ECell	CORRECT OPTION
Option 2	NIESBUD	0
Option 3	FIWE	0
Option 4	SIDBI	0
Q. 10	The objective of Entrepreneurship Development programme is not to	M
Option 1	To strengthen entrepreneurial quality/ motivation	0
Option 2	To develop entrepreneurial culture	0
Option 3	To provide loans to budding entrepreneurs	CORRECT OPTION
Option 4	To accelerate the process of industrial and economic development	0
Q. 11	What is e-NAM?	M
Option 1	Electronic registry for documents	0
Option 2	Pan-India electronic trading portal which networks the existing APMC mandis to create a unified national market for agricultural commodities.	CORRECT OPTION
Option 3	Ecommerce website for FMCG	0
Option 4	Election portal of India	0
Q. 12	ABC is an enterprise where investment in plant and machinery does not exceed Rs. 25 lakh. What will you classify into?	M
Option 1	micro	CORRECT OPTION
Option 2	medium	0
Option 3	small	0
Option 4	large	0
Q. 13	SIDBI stands for	M
Option 1	Small and Intermediate Development Bank of India	0
Option 2	Samarth Indian Debit bank for Industries	0
Option 3	Small International Development Bank of India	0
Option 4	Small Industries Development Bank of India	CORRECT OPTION
Q. 14	Reverse logistics is required because	M
Option 1	cash flow	0
Option 2	Goods are defective	CORRECT OPTION
Option 3	by law	0
Option 4	increase efficiency	0
Q. 15	Which of the following is not a key aspect for the facilitation of the MSME Sector as announced under the support and outreach programme, launched by the Prime Minister of India?	M
Option 1	access to credit	0
Option 2	technology upgradation	0
Option 3	access to market	0
Option 4	tax incentives	CORRECT OPTION

Q. 16	What is not a Function of National Board for Micro, Small and Medium Enterprises	M
Option 1	Providing techno-economic and managerial consultancy	0
Option 2	Developing human resources through training and skill up gradation	0
Option 3	Advising the Government in policy formulation	0
Option 4	Provide loans to the enterprise	CORRECT OPTION
Q. 17	In production sector, a small enterprise is an enterprise where the investment in plant and machinery is more than Rs. 25 lakh but does not exceed _____	M
Option 1	Rs 10 crore	0
Option 2	Rs 2 crore	0
Option 3	Rs 5 crore	CORRECT OPTION
Option 4	Rs 3 crore	0
Q. 18	A _____ encompasses all activities associated with the flow and transformation of goods from the raw material stage, through to the end user, as well as the associated information flows	M
Option 1	production line	0
Option 2	marketing channel	0
Option 3	supply chain	CORRECT OPTION
Option 4	warehouse	0
Q. 19	Activity of Indian Trade promotion organization	M
Option 1	Finance SMEs	0
Option 2	Arrange Raw material	0
Option 3	Single window for all permissions	0
Option 4	Establishing durable contacts between Indian suppliers and overseas buyers.	CORRECT OPTION
Q. 20	What do OAS stand for?	M
Option 1	outcomes, advantage, and scope	0
Option 2	objective, advantage, and success	0
Option 3	objective, adventure, and scope	0
Option 4	objective, advantage, and scope	CORRECT OPTION
Q. 21	_____ is used to plan a project by defining each necessary step in it and estimating how long each will take.	M
Option 1	critical path method	CORRECT OPTION
Option 2	critical progression method	0
Option 3	critical strategic plan	0
Option 4	key success indicators	0
Q. 22	What is the is the process of selling subsidiary assets, investments, or divisions of a company in order to maximize the value of the parent company called	M
Option 1	Divestment	CORRECT OPTION
Option 2	Harvest	0
Option 3	investment	0
Option 4	consolation	0
Q. 23	The process of transferring leadership to the next generation is known as:	M
Option 1	community property.	0
Option 2	power sharing.	0
Option 3	succession	CORRECT OPTION
Option 4	natural division of responsibility.	0
Q. 24	Who is wilfull defaulter	M

Option 1	if the company has not met repayment obligations despite having the capacity to do so	CORRECT OPTION
Option 2	if the company has no money to repay obligations	0
Option 3	if the company has borrowed money from market to repay banks	0
Option 4	if the company has declared that it has no money to repay obligations	0
Q. 25	identify the false statement	M
	A takeover occurs when one company makes a successful bid to assume control of or acquire another.	
Option 1	A takeover occurs when one company makes a successful bid to assume control of or acquire another.	0
Option 2	Takeovers are also commonly done through the merger and acquisition process.	0
Option 3	Takeover can be done through IPO	CORRECT OPTION
Option 4	Takeovers can be done by purchasing a majority stake in the target firm.	0

Online Examination, University of Mumbai

Department: Information Technology
 Revision: R2016
 Semester: 8
 Subject: Enterprise Resource Planning (ITDLO8045)
 Date of Examination: 2020-10-13

Q. 1	ERP system is built on a _____ utilising a common computing platform	M	
Option 1	Modular databases		0
Option 2	Individual databases		0
Option 3	Centralised database	CORRECT OPTION	
Option 4	Centralised layout		0
Q. 2	What is use of integrated management information system?	M	
Option 1	collabrate information from various sources		0
Option 2	produces information using input, process and output with feedback	CORRECT OPTION	
Option 3	produce information using customer feedback		0
Option 4	knowledge of how to organize and run a project		0
Q. 3	Which are the various business modules in ERP system?	M	
Option 1	production , sales, planning		0
Option 2	HR, Finance, manufacturing, plant maintenance, sales	CORRECT OPTION	
Option 3	production, planning, maintenance		0
Option 4	account, sales, planning		0
Q. 4	ERP is restricted to being a _____ operations system in the country.	M	
Option 1	Manufacturing		0
Option 2	Budgeting modules		0
Option 3	Transaction-oriented	CORRECT OPTION	
Option 4	Finance		0
Q. 5	ERP system is used for _____	M	
Option 1	sales and marketing		0
Option 2	entire organization	CORRECT OPTION	
Option 3	finance and marketing		0
Option 4	specific department		0
Q. 6	MIS is a computer-based system that optimises the _____ of information throughout an organisation	M	
Option 1	transfer		0
Option 2	presentation		0
Option 3	collabration		0
Option 4	collection	CORRECT OPTION	
Q. 7	BI is used _____	M	
Option 1	for planning process		0
Option 2	monitor inventory management		0
Option 3	To monitor the organization business	CORRECT OPTION	
Option 4	for manufacturing modules		0
Q. 8	BPR is _____	M	
Option 1	Redesign of marketing process to achieve dramatic improvements		0
Option 2	Redesign of production process to achieve dramatic improvements		0
Option 3	Redesign of business deveopment to achieve dramatic improvements		0
Option 4	Redesign of business process to achieve dramatic improvements	CORRECT OPTION	

Q. 9	The _____ and _____ manage the supplier relations and manage the supplier quality in an organisation	M	
Option 1	Supplier management, customisation processes		0
Option 2	Supplier management, control processes	CORRECT OPTION	
Option 3	Supplier maintenance, customisation processes		0
Option 4	Supplier maintenance, control processes		0
Q. 10	Basic function of CRM is _____	M	
Option 1	increasing profitability of companies regarding customer service		0
Option 2	improve management process		0
Option 3	increasing the flexibility of companies common database regarding customer service	CORRECT OPTION	
Option 4	improve production sell		0
Q. 11	MIS is an _____, which is one of the popular subsystem used in ERP	M	
Option 1	management system		0
Option 2	information system		0
Option 3	database system		0
Option 4	integrated information system	CORRECT OPTION	
Q. 12	First phase in BPR _____	M	
Option 1	Begin organizational change	CORRECT OPTION	
Option 2	reengineering process		0
Option 3	implementation process		0
Option 4	identify business oportunities		0
Q. 13	Feature of BPR _____	M	
Option 1	nhance the decision making process for management and sales		0
Option 2	decision making process for developers and executives		0
Option 3	decision making process for developers		0
Option 4	decision making process for management and executives	CORRECT OPTION	
Q. 14	_____ maintains reports of warehouse supplies.	M	
Option 1	ERP Resource module		0
Option 2	ERP financial module		0
Option 3	ERP verification module		0
Option 4	ERP Inventory software module	CORRECT OPTION	
Q. 15	Project management three primary variables are _____	M	
Option 1	flexibility,productivity,resources		0
Option 2	work,time,resources	CORRECT OPTION	
Option 3	quality,time,resources		0
Option 4	people,time,resources		0
Q. 16	When a customer needs to check the performance before placing order, which department provide the information?	M	
Option 1	marketing	CORRECT OPTION	
Option 2	finance		0
Option 3	Quality		0
Option 4	Production		0
Q. 17	Material requirements plan specify	M	
Option 1	the cost associated with alternative plan 6		0
Option 2	the quantities of products families that need to be produced		0
Option 3	the capacity needed to provide the projected output rate		0
Option 4	the quantity and timing of planned order release	CORRECT OPTION	
Q. 18	_____ is subsystem of HR Module	M	
Option 1	finance management		0
Option 2	quality management		0

Option 3	product management		0
Option 4	organisation management	CORRECT OPTION	
Q. 19	Distribution Resource Planning (DRP) is	M	
Option 1	A transportation plan for all levels of a distribution network		0
Option 2	a time phased stock replenishment plan for all levels of a distribution network	CORRECT OPTION	
Option 3	a shipping plan from a central warehouse to retail warehouse		0
Option 4	material requirements planning with feedback loop from distribution centers		0
Q. 20	Which department must recruit training and compensate employees for business ?	M	
Option 1	manufacturing		0
Option 2	finance		0
Option 3	production		0
Option 4	HR	CORRECT OPTION	
Q. 21	Which are various subsystem of the plant maintenance system?	M	
Option 1	product tracking		0
Option 2	equipment tracking	CORRECT OPTION	
Option 3	equipment maintenance		0
Option 4	product planning		0
Q. 22	_____ is subsystem in sales and distribution module	M	
Option 1	warehouse management	CORRECT OPTION	
Option 2	quality management		0
Option 3	data management		0
Option 4	product management		0
Q. 23	In MRP, system nervousness is caused by	M	
Option 1	management making part of the master production schedule as not to be reschedule		0
Option 2	management attempt to continually respond to minor changes in production requirements	CORRECT OPTION	
Option 3	the use of phantom bills of materials		0
Option 4	the use of the lot for approach		0
Q. 24	Manufacturing information systems support the _____ function, which includes all activities	M	
Option 1	monitor		0
Option 2	operation	CORRECT OPTION	
Option 3	transaction		0
Option 4	design		0
Q. 25	MRP II is accurately described as	M	
Option 1	MRP software designed for services		0
Option 2	MRP augmented by other resource variables	CORRECT OPTION	
Option 3	MRP with a new set of computer programs that execute on micro computer		0
Option 4	usually employed to isolate manufacturing operations from other aspects of an organization		0

Online Examination, University of Mumbai

Department: Information Technology
Revision: R2016
Semester: 8
Subject: Internet of Everything (ITC802)
Date of Examination: 2020-10-10

Q. 1	How many times loop function runs in Arduino IDE?	M	
Option 1	forever		0
Option 2	5	CORRECT OPTION	
Option 3	6		0
Option 4	1		0
Q. 2	The speed, range, data in Bluetooth 5.0 are	M	
Option 1	2x Speed, 4x Range, 8x Data	CORRECT OPTION	
Option 2	7x Speed, 4x Range, 4x Data		0
Option 3	4x Speed, 8x Range, 8x Data		0
Option 4	5x Speed, 3x Range, 3x Data		0
Q. 3	In a piconet, there can be up to how many parked nodes in the net	M	
Option 1	255	CORRECT OPTION	
Option 2	512		0
Option 3	25		0
Option 4	125		0
Q. 4	Which of these is NOT a part of the Service Layer of the IoT Service Oriented Architecture?	M	
Option 1	Service repository		0
Option 2	Data sensing and actuation protocols.	CORRECT OPTION	
Option 3	Service integration		0
Option 4	Business logic		0
Q. 5	It is not related to RFID	M	
Option 1	Server	CORRECT OPTION	
Option 2	Sensor		0
Option 3	RFID		0
Option 4	Nano tech		0
Q. 6	The main components of an RFID system include	M	
Option 1	Handheld Reader, RFID label printer, server and External book return		0
Option 2	RFID tags, readers or sensors, Antenna and server	CORRECT OPTION	
Option 3	RFID tags, server, external book return, sensors		0
Option 4	RFID label printer, sensors, antenna and server		0
Q. 7	What helps for filtration, formatting, providing logic to data of the device	M	
Option 1	RFID reader		0
Option 2	Data processor		0
Option 3	RFID tag		0
Option 4	RFID middleware	CORRECT OPTION	
Q. 8	Role of amplifier in RFID is	M	
Option 1	To amplify the signals while receiving only		0
Option 2	To amplify the signals while transmitting and receiving	CORRECT OPTION	
Option 3	To amplify the signals while transmitting only		0
Option 4	To amplify noise		0
Q. 9	RFID based localization technique used in FMCW radar is	M	

Option 1	SD-PDOA	0
Option 2	Hyperbola positioning	0
Option 3	FD-PDOA	CORRECT OPTION
Option 4	TD-PDOA	0
Q. 10	What attains the information on the RFID tag	M
Option 1	Receiver	0
Option 2	Retreiver	0
Option 3	Pacemaker	0
Option 4	Transponder	CORRECT OPTION
Q. 11	For Ultra high frequencies mostly which tags are preferred	M
Option 1	Slow tags	0
Option 2	Active tags mostly	CORRECT OPTION
Option 3	Fast tags	0
Option 4	Passive tags only	0
Q. 12	The versions of Barcode are _____	M
Option 1	1 dimensional	0
Option 2	Slow and Fast	0
Option 3	Multidimensional	0
Option 4	1 dimensional and 2 dimensional	CORRECT OPTION
Q. 13	In RFID middleware, which is the layer responsible for data filtration, aggregation and transformation	M
Option 1	Middleware management	0
Option 2	Data processor and storage	CORRECT OPTION
Option 3	Reader interface	0
Option 4	Application interface	0
Q. 14	Which of the following businesses benefit and implemented RFID	M
Option 1	Building and Construction	0
Option 2	IT	0
Option 3	Logistics and Transportation	CORRECT OPTION
Option 4	Underwater construction	0
Q. 15	Which communication technology is employed for short-range high-frequency in wireless applications?	M
Option 1	RFID	0
Option 2	Nano RFID	0
Option 3	NFC	CORRECT OPTION
Option 4	NCF	0
Q. 16	_____ is the function of Reader capabilities enabling them to communicate with all types of tags.	M
Option 1	Class 5	CORRECT OPTION
Option 2	Class 2	0
Option 3	Class 1	0
Option 4	Class 4	0
Q. 17	Which type of tag is not used in fresh/perishable food of RFID application?	M
Option 1	Semi Passive Tag	0
Option 2	Active Tag	0
Option 3	Passive Tag	CORRECT OPTION
Option 4	Semi Active Tag	0
Q. 18	What are the main advantages of RFID chip?	M
Option 1	Printed indirectly on products.	0
Option 2	Communication directly on products.	0
Option 3	Printed directly on products.	CORRECT OPTION
Option 4	Does not Printed directly on product	0

Q. 19	Tag Class ___ has extra energy the tags can increase their reading distance range as well as providing new functionalities	M	
Option 1	3	CORRECT OPTION	
Option 2	0		0
Option 3	2		0
Option 4	1		0
Q. 20	Which device require close proximity to an interrogator to perform any transaction?	M	
Option 1	Contactless smart cards	CORRECT OPTION	
Option 2	Smart dust		0
Option 3	Small smart cards		0
Option 4	Contact smart cards		0
Q. 21	_____ is a preferred anti-collision protocol.	M	
Option 1	FDA		0
Option 2	TDMA	CORRECT OPTION	
Option 3	CSMA/CD		0
Option 4	CDMA		0
Q. 22	How many algorithms are used in tree splitting tree protocol?	M	
Option 1	Two		0
Option 2	One		0
Option 3	Three	CORRECT OPTION	
Option 4	Four		0
Q. 23	Which type of ISO standards provides guidance on the use of RFID-enabled labels and packaging in the supply chain?	M	
Option 1	ISO/IEC TR 24729-1:2008	CORRECT OPTION	
Option 2	ISO/IEC TR 24729-1:2010		0
Option 3	ISO/IEC TR 24729-1:2011		0
Option 4	ISO/IEC TR 24729-2:2009		0
Q. 24	How many variants are there in pure aloha?	M	
Option 1	Two		0
Option 2	One		0
Option 3	Three	CORRECT OPTION	
Option 4	Four		0
Q. 25	_____ usage of read/write RFID cargo shipment-specific tags on freight containers for supply chain management purposes.	M	
Option 1	ISO 17362:2007		0
Option 2	ISO 17362:2008		0
Option 3	ISO 17363:2007	CORRECT OPTION	
Option 4	ISO 17363:2010		0

Online Examination, University of Mumbai

Department: Information Technology
 Revision: R2016
 Semester: 8
 Subject: Big Data Analytics (ITC801)
 Date of Examination: 2020-10-08

Q. 1	The data structure in big data is	M	
Option 1	strictly unstructured		0
Option 2	structured, semi-structured and unstructured	CORRECT OPTION	
Option 3	structured and unstructured		0
Option 4	semi-structured and unstructured		0
Q. 2	Tool generate structured data _____	M	
Option 1	Facebook		0
Option 2	Google		0
Option 3	Cloudera		0
Option 4	Data Marts	CORRECT OPTION	
Q. 3	What is true about Veracity in bigdata?	M	
Option 1	data not in certain format	CORRECT OPTION	
Option 2	high in size		0
Option 3	data in certain format		0
Option 4	speed of data		0
Q. 4	The most important properties in big data are	M	
Option 1	volume, varacity and variety		0
Option 2	volume, velocity and value		0
Option 3	Variety, Variability and Volume		0
Option 4	Volume, Velocity and Variety	CORRECT OPTION	
Q. 5	Which of the following is not a NoSQL database?	M	
Option 1	DynamoDB		0
Option 2	MongoDB		0
Option 3	Cassandra		0
Option 4	SQL Server	CORRECT OPTION	
Q. 6	The source of HDFS architecture in Hadoop originated from	M	
Option 1	Google distributed filesystem	CORRECT OPTION	
Option 2	Facebook distributed filesystem		0
Option 3	Rediffmail distributed files		0
Option 4	Yahoo distributed filesystem		0
Q. 7	Default block size in HDFS cluster	M	
Option 1	256 mb		0
Option 2	128 kb		0
Option 3	128 mb	CORRECT OPTION	
Option 4	256 kb		0
Q. 8	_____ hadoop ecosystem tool used to import data from RDBMS to HDFS	M	
Option 1	Sqoop	CORRECT OPTION	
Option 2	Hive		0
Option 3	MSSQL		0
Option 4	Pig		0
Q. 9	_____ is a distributed row-oriented database.	M	
Option 1	Hive		0
Option 2	MySQL	CORRECT OPTION	
Option 3	Pig		0

Option 4	HBase		0
Q. 10	Which of the following is a wide-column store?	M	
Option 1	Redis		0
Option 2	Cassandra	CORRECT OPTION	
Option 3	MongoDB		0
Option 4	Riak		0
Q. 11	Which of the following is not a goal of HDFS?	M	
Option 1	Prevent deletion of data	CORRECT OPTION	
Option 2	Fault detection and recovery		0
Option 3	Provide high network bandwidth for data movement		0
Option 4	Handle huge dataset		0
Q. 12	One of the NoSQL Column databases is	M	
Option 1	Neo4J		0
Option 2	CouchBase Server		0
Option 3	Redis and Memcache		0
Option 4	Apache Cassandra	CORRECT OPTION	
Q. 13	The heartbeat signal are sent from	M	
Option 1	JObracker to Tasktracker		0
Option 2	Tasktracker to Job tracker	CORRECT OPTION	
Option 3	Jobtracker to namenode		0
Option 4	Tasktracker to namenode		0
Q. 14	A running job in hadoop can	M	
Option 1	Be killed with a command	CORRECT OPTION	
Option 2	Can be killed only by shutting down the name node		0
Option 3	Can never be killed with a command		0
Option 4	Be paused and run again		0
Q. 15	Secondary NameNode is used when the ----- NameNode goes down	M	
Option 1	Block		0
Option 2	Rack		0
Option 3	Primary	CORRECT OPTION	
Option 4	Secondary		0
Q. 16	.....can be done mostly in the map portion alone.	M	
Option 1	Natural join		0
Option 2	Projection		0
Option 3	Aggression		0
Option 4	Selection	CORRECT OPTION	
Q. 17	The indexing technique that is normally used in MapReduce is known as	M	
Option 1	Inverted Index	CORRECT OPTION	
Option 2	Reduce		0
Option 3	Index		0
Option 4	Map		0
Q. 18	.....is a utility which allows users to create and run jobs with any executables as the mapper and/or the reducer.	M	
Option 1	Hadoop stream		0
Option 2	Hive		0
Option 3	Hadoop Strdata		0
Option 4	Hadoop streaming	CORRECT OPTION	
Q. 19	.....tasks are still needed to eliminate two identical tuples coming from different Map tasks.	M	
Option 1	Shuffle		0
Option 2	Reduce	CORRECT OPTION	
Option 3	Combiner		0
Option 4	Map		0

Q. 20	Which of the following is used to schedules jobs and tracks the assign jobs to Task tracker?	M	
Option 1	SlaveNode		0
Option 2	JobTracker	CORRECT OPTION	
Option 3	MasterNode		0
Option 4	Task Tracker		0
Q. 21	Which of the following phases occur simultaneously?	M	
Option 1	Shuffle and Sort	CORRECT OPTION	
Option 2	Reduce and Sort		0
Option 3	Map-Reduce		0
Option 4	Shuffle and Map		0
Q. 22	.....NameNode is used when the Primary NameNode goes down	M	
Option 1	Rack		0
Option 2	Secondary	CORRECT OPTION	
Option 3	Data		0
Option 4	Partitioner		0
Q. 23	..... is the default Partitioner for partitioning key space	M	
Option 1	HashPartitioner	CORRECT OPTION	
Option 2	Mapper		0
Option 3	Partitioner		0
Option 4	HashPar		0
Q. 24	What is getJobState()	M	
Option 1	Sets the Mapper for the job		0
Option 2	Returns the current state of the Job	CORRECT OPTION	
Option 3	Checks if the job is finished or not.		0
Option 4	User-specified job name.		0
Q. 25	.....is used to eliminate duplicates	M	
Option 1	Shuffle		0
Option 2	Reducer	CORRECT OPTION	
Option 3	Mapper		0
Option 4	Aggression		0