

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

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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 biospher	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	microorganism	0
Option 4	water	0

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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 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
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: Electronics & Tele-communication
 Revision: R2016
 Semester: 8
 Subject: Satellite Communication (ECCDLO8043)
 Date of Examination: 2020-10-13

Q. 1	A satellite is revolving in an elliptical orbit having apogee 35000KM and perigee at 500KM respectively from the surface of the earth what will be velocity at apogee(R=6371KM)	M	
Option 1	7.55 KM/S		0
Option 2	10.12 KM/S		0
Option 3	5.23 KM/S		0
Option 4	1.62 KM/S		CORRECT OPTION
Q. 2	Eccentricity of an orbit defines	M	
Option 1	Location of the satellite in the orbit		0
Option 2	Shape of the orbit		CORRECT OPTION
Option 3	Size of the orbit		0
Option 4	Inclination of the orbit		0
Q. 3	The angle of the orbit in relation to Earth's equatorial orbit is	M	
Option 1	True Anamoly		0
Option 2	Elavation Angle		0
Option 3	Inclination Angle		CORRECT OPTION
Option 4	Azimuth Angle		0
Q. 4	The the exact shape of the earth is described as	M	
Option 1	Spherical		0
Option 2	Flat		0
Option 3	Cylindrical		0
Option 4	Oblate spheroidal		CORRECT OPTION
Q. 5	In Satellite signals Vertical polarisation means	M	
Option 1	Electric field is perpendicular to earths Polar Axis		0
Option 2	Electric field is parallel to earths Equitorial plane		0
Option 3	Electric field is In the boresight direction		0
Option 4	Electric field is parallel to earths Polar Axis		CORRECT OPTION
Q. 6	Line of apsides is	M	
Option 1	Line joining ascending node and descending node		0
Option 2	Line of Aries		0
Option 3	Line joining apogee and perigee through center of earth		CORRECT OPTION
Option 4	Line joining earth station and satelliete		0
Q. 7	Which orbit is best suited for communication purpose	M	
Option 1	Geostationary orbit		CORRECT OPTION
Option 2	Polar Orbit		0
Option 3	MEO		0
Option 4	LEO		0

Q. 8	Angle between the beam pointing the direction directly towards the satellite, and the local horizontal plane	M
Option 1	Azimuth Angle	0
Option 2	Nadir Angle	0
Option 3	True Anamoly	0
Option 4	Elevation angle	CORRECT OPTION
Q. 9	Orbital position of satellite is governed by	M
Option 1	Ground station	0
Option 2	Power subsystem	0
Option 3	Transponder	0
Option 4	TT and C	CORRECT OPTION
Q. 10	In AOC the horizon detectors are used to-----	M
Option 1	Station keeping	0
Option 2	Detect the rim of the earth against the background of space	CORRECT OPTION
Option 3	Antenna boresight alignment	0
Option 4	Maintain orbital position	0
Q. 11	Thermal blankets and shields may be used to	M
Option 1	Provide insulation from heat	CORRECT OPTION
Option 2	Provide isolation from heat	0
Option 3	Provide heating effect	0
Option 4	Provide cooling effect from sun radiation	0
Q. 12	The wideband receiver used in satellite is called as	M
Option 1	Redudent receiver	CORRECT OPTION
Option 2	LNA	0
Option 3	LNB	0
Option 4	Amplifier	0
Q. 13	The bandwidth allocated for a transponder in C-band service is	M
Option 1	800 MHz,	0
Option 2	500 MHz,	CORRECT OPTION
Option 3	200 MHz,	0
Option 4	700 MHz,	0
Q. 14	If the earth station downlink signal received is at $f_s = 4.08$ GHz, what first stage local-oscillator frequency is needed to achieve IF of 770 MHz?	M
Option 1	4080 MHz	0
Option 2	1203MHZ	0
Option 3	3310 MHz	CORRECT OPTION
Option 4	1203 MHz	0
Q. 15	Which of the following bands cannot be used for satellite communication?	M
Option 1	MF	CORRECT OPTION
Option 2	C	0
Option 3	Ku	0
Option 4	X	0
Q. 16	C-band antennas are considerably ----- DBS antennas	M
Option 1	Wider than	0
Option 2	Larger than	CORRECT OPTION
Option 3	Equal to	0
Option 4	Smaller than	0

Q. 17	In RF tuning, _____ provides the final up conversion to the microwave frequency?	M
Option 1	Quartz oscillator	0
Option 2	Magnetic oscillator	0
Option 3	Variable-frequency local oscillator	0
Option 4	Fixed-frequency local oscillator	CORRECT OPTION
Q. 18	The C/N at the receiver depends on	M
Option 1	The C/N of the uplink	0
Option 2	Input at the receiver	0
Option 3	The C/N of the downlink	0
Option 4	The C/N of both the uplink and downlink	CORRECT OPTION
Q. 19	Define S/N ratio.	M
Option 1	The S/N introduced in the preceding section is used to refer to the ratio of signal power to noise power at the receiver output. This ratio is sometimes referred to as the post detector	0
Option 2	The S/N introduced in the preceding section is used to refer to the ratio of noise power to signal power at the receiver input. This ratio is sometimes referred to as the post detector.	0
Option 3	The S/N introduced in the preceding section is used to refer to the ratio of signal power to noise power at the receiver input. This ratio is sometimes referred to as the post detector.	CORRECT OPTION
Option 4	The S/N introduced in the preceding section is used to refer to the ratio of noise power to signal power at the receiver output. This ratio is sometimes referred to as the post detector	0
Q. 20	A satellite link operating at 14 GHz has receiver feeder losses of 1.5 dB and a free-space loss of 207 dB. The atmospheric absorption loss is 0.5 dB, and the antenna pointing loss is 0.5 dB. Depolarization losses may be neglected. Calculate the total link loss for clear-sky conditions	M
Option 1	209.5dB	CORRECT OPTION
Option 2	20.95dB	0
Option 3	2.095dB	0
Option 4	2095dB	0
Q. 21	Noise power per unit bandwidth is known as	M
Option 1	Auto spectral density	0
Option 2	Power spectral density	0
Option 3	Energy spectral density	0
Option 4	Noise power spectral density	CORRECT OPTION
Q. 22	Additive white gaussian noise is a function of the noise temperature and _____	M
Option 1	channel noise	0
Option 2	Noise Bandwidth	CORRECT OPTION
Option 3	Noise power	0
Option 4	Noise spectrum	0
Q. 23	Free space loss varies:	M
Option 1	Inversely with the square of the distance	0
Option 2	with square of the distance from earth	0
Option 3	with distance from the source	0

Option 4	Directly with the square of the distance and square of frequency	CORRECT OPTION
Q. 24	For a satellite circuit the carrier-to-noise ratios are uplink 23 dB, downlink 20 dB, intermodulation 24 dB. Calculate the overall carrier- to-noise ratio in decibels.	M
Option 1	0.172dBHz	0
Option 2	172dBHz	0
Option 3	17.2dBHz	CORRECT OPTION
Option 4	1.72dBHz	0
Q. 25	A key parameter in link-budget calculations is	M
Option 1	AA	0
Option 2	RFL	0
Option 3	FSL	0
Option 4	the equivalent isotropic radiated power	CORRECT OPTION

Online Examination, University of Mumbai

Department: Electronics & Tele-communication
 Revision: R2016
 Semester: 8
 Subject: Wireless Networks (ECC802)
 Date of Examination: 2020-10-10

Q. 1	The structure and format of data is	M
Option 1	syntax	CORRECT OPTION
Option 2	semanatic	0
Option 3	agency	0
Option 4	standard	0
Q. 2	ETSI stand for	M
Option 1	European Telecommunication System Institute	0
Option 2	European Telephone Standard Institute	0
Option 3	European Telecommunication Standard Institute	CORRECT OPTION
Option 4	European Telecom Standard Institute	0
Q. 3	National ISP network are connected to one another by	M
Option 1	peering points	CORRECT OPTION
Option 2	network access point	0
Option 3	regional ISP	0
Option 4	national ISP	0
Q. 4	TCP/IP model doesn't have	M
Option 1	session layer	0
Option 2	application layer	0
Option 3	network layer	0
Option 4	data link layer	CORRECT OPTION
Q. 5	A device that provides a central connection point for cables is	M
Option 1	Gateway	CORRECT OPTION
Option 2	Switch	0
Option 3	Proxy Server	0
Option 4	Hub	0
Q. 6	A wireless technology that allows manufacturers to attach tags with antennas and computer chips to goods and then track their movement through radio signals	M
Option 1	RFID	CORRECT OPTION
Option 2	WSN	0
Option 3	NFC	0
Option 4	ZigBee	0
Q. 7	Which of the following statement about RFID is not correct	M
Option 1	Barcode is better than RFID	CORRECT OPTION
Option 2	It is Radio Frequency Identification	0
Option 3	It uses tiny tags to store information about the items	0
Option 4	It is used for tracking the objects	0
Q. 8	Which of the following is not true for UWB	M
Option 1	Narrow pulses	0
Option 2	Large bandwidth	0
Option 3	Low price	0

Option 4	large distance	CORRECT OPTION	
Q. 9	What is ISM band	M	
Option 1	Institute small measurement band		0
Option 2	International scientific monitoring band		0
Option 3	Insustrial Scientific Medical band	CORRECT OPTION	
Option 4	International scientific measurement band		0
Q. 10	IEEE 802.15 standard is a family of protocols to address the need sof	M	
Option 1	WMAN		0
Option 2	WLAN		0
Option 3	WPAN	CORRECT OPTION	
Option 4	WBAN		0
Q. 11	The technology which is based on the narrow pulses of the order of nanoseconds	M	
Option 1	Multiplexing		0
Option 2	Femtocell technology		0
Option 3	Multicasting		0
Option 4	Ultra wideband technology	CORRECT OPTION	
Q. 12	The range of NFC is nearly	M	
Option 1	25m		0
Option 2	10m		0
Option 3	5-10 cm	CORRECT OPTION	
Option 4	10-20m		0
Q. 13	Which of the following is not true for Active tags of RFID	M	
Option 1	More expensive		0
Option 2	Limited lifeperiod		0
Option 3	Inbuilt battery		0
Option 4	small range	CORRECT OPTION	
Q. 14	A scatternet is a collection of	M	
Option 1	only slaves		0
Option 2	only master		0
Option 3	Piconets	CORRECT OPTION	
Option 4	One master and slave		0
Q. 15	Bluetooth uses which of the following	M	
Option 1	frequency hopping spread spectrum	CORRECT OPTION	
Option 2	channel division multiplexing		0
Option 3	orthogonal frequency division multiplexing		0
Option 4	time division multiplexing		0
Q. 16	Unauthorised access of information from a wireless device through a bluetooth connection is called	M	
Option 1	Bluemaking		0
Option 2	Bluecopying		0
Option 3	Bluesnarfing	CORRECT OPTION	
Option 4	Blueprinting		0
Q. 17	RFID technology stands for	M	
Option 1	Radio-Frequency Indication		0
Option 2	Radio-Frequency Interconnection		0
Option 3	Radio-Frequency Internetwork		0
Option 4	Radio-Frequency Identification	CORRECT OPTION	
Q. 18	Which one is not a requirement of WPAN	M	

Option 1	Large size	CORRECT OPTION	
Option 2	small size		0
Option 3	low cost		0
Option 4	long life		0
Q. 19	Each Channel in IEEE 802.11 a is divided into following number of sub channel	M	
Option 1	10		0
Option 2	52	CORRECT OPTION	
Option 3	100		0
Option 4	152		0
Q. 20	IEEE Standard used for Wireless Local Area Network (WLAN)is	M	
Option 1	IEEE802.11	CORRECT OPTION	
Option 2	IEEE802.16		0
Option 3	IEEE802.13		0
Option 4	IEEE802.15		0
Q. 21	Determine the transfer data rate of a 40 Kb file with an 802.11 WLAN operating at 2 Mbps	M	
Option 1	100ms		0
Option 2	320ms		0
Option 3	200ms		0
Option 4	160ms	CORRECT OPTION	
Q. 22	IEEE 802.11 having speed of	M	
Option 1	50 Mbps		0
Option 2	100 Mbps		0
Option 3	1 Mbps	CORRECT OPTION	
Option 4	10 Mbps		0
Q. 23	IEEE 802.11b having speed of	M	
Option 1	2 Mbps		0
Option 2	20 Mbps		0
Option 3	1Mbps		0
Option 4	11 Mbps	CORRECT OPTION	
Q. 24	Wi-Fi is primarily been developed for	M	
Option 1	MAN		0
Option 2	WMAN		0
Option 3	LAN		0
Option 4	WLAN	CORRECT OPTION	
Q. 25	one of following entity is not used for establishment of WLAN network	M	
Option 1	Base Station	CORRECT OPTION	
Option 2	Bridge		0
Option 3	Router		0
Option 4	Adapter		0