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PTQ

**Prelims
Through
Questions**

for

ESE 2021

General Studies & Engineering Aptitude

Day 10 of 11

Q.411 - Q.450

(Out of 500 Questions)

Current Issues + Ethics and Values in Engineering Profession

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Q.411 With reference to Goods and Services Tax (GST), consider the following statements:

1. Goods and Services Tax is a comprehensive, multi-stage, destination-based tax that is levied on every value addition.
2. GST Council is an extra-constitutional body created by the Parliament as per the provisions of the Central GST Act to recommend Centre and States on the matters related to GST.
3. Goods and Services Tax Network is a government-owned limited company which aims to track every financial transaction, and provide taxpayers all services related to filing and maintaining all tax details.

Which of the above statement(s) is/are correct?

- (a) 1 only (b) 2 only
(c) 1 and 2 only (d) 1, 2 and 3

411. (a)

- The Goods and Service Tax Network (GSTN) is a non-profit, non-government organization which manage the entire IT system of the GST portal. This portal is used by the government to track every financial transaction, and provide taxpayers with all services - from registration to filing taxes and maintaining all tax details.

The authorized capital of the GSTN is Rs. 10 crore (US\$1.6 million), of which 49% of the shares are divided equally between the Central and State governments, and the remaining 51% of GSTN is owned by the Non-Government Financial Institutions.

Note:

- **Article 279A**
 1. The President shall, within sixty days from the date of commencement of the Constitution (One Hundred and First Amendment) Act, 2016, by order, constitute a Council to be called the Goods and Services Tax Council.
 2. The Goods and Services Tax Council shall consist of the following members, namely:
 - a. The Union Finance Minister (Chairperson);
 - b. The Union Minister of State in charge of Revenue or Finance (Member);
 - c. The Minister in charge of Finance or Taxation or any other Minister nominated by each State Government (Members).

Q.412 Consider the following statements regarding Organisation of Petroleum Exporting Countries (OPEC):

1. It is an intergovernmental organization of 13 nations, founded in 1960 in Baghdad to coordinate and unify the petroleum policies of its member countries and ensure the stabilization of oil markets.
2. Qatar is a founding member of OPEC.
3. It is headquartered at Vienna, Austria.

Which of the above statement(s) is/are correct?

- (a) 1 and 2 only (b) 2 only
(c) 3 only (d) 1 and 3 only

412. (d)

- The Organisation of the Petroleum Exporting Countries (OPEC) is an intergovernmental organisation of 13 nations, founded in 1960 in Baghdad by Iran, Iraq, Kuwait, Saudi Arabia, and Venezuela.
- It aims to coordinate and unify the petroleum policies of its member countries and ensure the stabilization of oil markets.
- **Headquarters:** Vienna, Austria

Note: Qatar already quit OPEC from 1st January, 2019.

Q.413 Consider the following statements regarding Fifteenth Finance Commission:

1. It has been constituted to give recommendations for devolution of taxes and other fiscal matters for five fiscal years, commencing on 1 April, 2020.
2. Fifteenth Finance Commission consists of Chairman and four other members as prescribed in Constitution of India.
3. It has recommended to increase the tax devolution between Centre and States to 42% as compared to 32% recommended by 14th Finance Commission.

Which of the above statements are correct?

- | | |
|------------------|------------------|
| (a) 1 and 2 only | (b) 2 and 3 only |
| (c) 1 and 3 only | (d) 1, 2 and 3 |

413. (a)

The 14th Finance Commission chaired by Y. V. Reddy, increased the devolution of taxes from the Centre to States from 32% to 42%.

Q.414 Consider the following statements regarding Sahaj Bijli Har Ghar Yojana- Saubhagya Scheme:

1. Rural Electrification Corporation (REC) has been designated as nodal agency for Saubhagya Scheme.
2. The prospective beneficiary households for free electricity connections under the scheme would be identified using Socio-Economic and Caste Census (SECC) 2011 data.

Which of the above statement(s) is/are correct?

- | | |
|------------------|---------------------|
| (a) 1 only | (b) 2 only |
| (c) Both 1 and 2 | (d) Neither 1 nor 2 |

414. (c)

- Pradhan Mantri Sahaj Bijli Har Ghar Yojana - Saubhagya scheme aims to provide electricity connections to all remaining un-electrified households in rural as well as urban areas to achieve universal household electrification in the country.
- The scheme is launched on the occasion of the birth centenary celebration of Pandit Deen Dayal Upadhyaya on 25th September, 2017.

Q.415 Consider the following statements regarding Non-banking Financial Companies (NBFCs):

1. NBFCs are the companies registered under the Companies Act, 1956 and work under the control of SEBI.
2. They cannot issue cheques drawn on themselves.
3. A company which does not have financial assets more than 50% of its total assets and does not derive at least 50% of its gross income from such assets is not an NBFC.

Which of the above statement(s) is/are correct?

- (a) 2 only (b) 2 and 3 only
(c) 1 and 3 only (d) 1, 2 and 3

415. (b)

- A Non-banking Financial Company (NBFC) is a company registered under the Companies Act, 1956, which is engaged in the business of loans and advances, acquisition of shares, stock, bonds, hire-purchase insurance business or chit-fund business.
- The working and operations of NBFCs are regulated by the Reserve Bank of India (RBI) within the framework of the Reserve Bank of India Act, 1934.
- NBFCs lend and make investments and hence their activities are akin to that of banks; however there are a few differences as given below:
 - (i) NBFCs cannot accept demand deposits.
 - (ii) NBFCs do not form part of the payment and settlement system and cannot issue cheques drawn on themselves.
 - (iii) Deposit insurance facility of Deposit Insurance and Credit Guarantee Corporation is not available to depositors of NBFCs, unlike in case of banks.
- A company which does not have financial assets more than 50% of its total assets and does not derive at least 50% of its gross income from such assets is not an NBFC.

Q.416 Bharatmala Project is related to which of the following?

- (a) Interlinking of major cities with high speed trains
(b) Interlinking of ports and railways
(c) Promoting regional air connectivity
(d) Improving road connectivity

416. (d)

Bharatmala Project is an umbrella program for the highways sector that focuses on optimizing efficiency of freight and passenger movement across the country through development of Economic Corridors, Inter Corridors and Feeder Routes, National Corridor Efficiency Improvement, Border and International connectivity roads, Coastal and Port connectivity roads and Green-field expressways.

Q.417 Which one of the following refers as a situation in which high inflation coexist with recession or unemployment?

- (a) Deflation (b) Stagflation
(c) Reflation (d) Galloping inflation

417. (b)

- Deflation refers to persistent decrease in price level along with fall in output.
- Stagflation is a situation in which high inflation coexist with recession or unemployment.
- Reflation refers to a situation in which price level increases along with increase in output.
- Galloping inflation refers to a situation in which the prices of goods and services increase at two-digit or three-digit rate per annum.

Q.418 Which one of the following statements is NOT correct about Repo Rate?

- (a) It is the interest at which banks borrow funds from RBI.
- (b) If the economy needs less money supply, RBI increases the Repo rate.
- (c) Repo rate is normally higher than the Reverse Repo rate.
- (d) Below Repo rate, banks are not allowed to lend money to its customers.

418. (d)

Base rate is the minimum rate set by RBI below which banks are not allowed to lend money to its customers.

Q.419 Which one of the following statements is correct?

- (a) India has become part of Ashgabat Agreement which is a multi-modal transport agreement dealing with East Asia.
- (b) Australia Group is a multilateral export control regime with the objective of preventing proliferation of missile technology.
- (c) China is not a member of Missile Technology Control Regime (MTCR), which India joined recently.
- (d) India became a full member of the Shanghai Cooperation Organization (SCO) at the Qingdao Summit.

419. (c)

- India recently joined the Ashgabat Agreement, which was instituted in April 2011 to establish an international multimodal transport and transit corridor between Central Asia and the Persian Gulf.
- Australia Group is a multilateral export control regime with the objective of preventing proliferation of chemical and biological weapons.
- India became a full member of the Shanghai Cooperation Organization (SCO) at the Astana Summit in 2017.

Q.420 Injeti Srinivas committee has been in the news recently. The committee is related to which of the following?

- (a) Women's healthcare
- (b) Financial technology sector
- (c) Corporate social responsibility
- (d) Kerala floods

420. (c)

Q.421 Consider the following statements about Cash Reserve Ratio (CRR):

1. It refers to a certain percentage of total deposits the commercial banks are required to maintain with the Reserve Bank of India.
2. During high level of inflation, CRR can be increased.
3. Banks earn returns from Reserve Bank of India on money hold as CRR.

Which of the above statement(s) is/are correct?

- (a) 1 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

421. (b)

Cash Reserve Ratio (CRR) requires banks to have cash reserves with the Central Bank (RBI in case of India). Banks do not earn returns on money held as CRR, unlike as in Statutory Liquidity Ratio (SLR).

Q.422 The Government of India has launched Mission Indradhanush which aims to revamp functioning of Public Sector Banks to enable them to compete with Private Sector banks. Consider the following statements regarding this:

1. Mission Indradhanush is a 7-pronged plan based on the measures suggested by P. J. Nayak Committee on Banking Sector Reforms.
2. The establishment of Banks Board Bureau is one of the component of Mission Indradhanush.
3. It focuses on capitalisation due to high Non-performing Assets (NPAs) and need to meet the BASEL- III norms.

Which of the above statement(s) is/are correct?

- (a) 2 only (b) 1 and 3 only
(c) 2 and 3 only (d) 1, 2 and 3

422. (d)

- Mission Indradhanush is a 7-pronged plan launched by Government of India to resolve issues faced by Public Sector banks. It aims to revamp their functioning to enable them to compete with Private Sector banks. Many of the measures taken were suggested by P. J. Nayak committee on Banking Sector Reforms.
- The 7 parts include Appointments, Banks Board Bureau, Capitalisation, De-stressing, Empowerment, Framework of accountability and Governance reforms (ABCDEFG).

Q.423 Suresh Mathur Committee is related to which of the following areas?

- (a) Modernisation of armed forces (b) Insurance marketing firms
(c) Mob violence (d) Corporate Social Responsibility

423. (b)

Q.424 Consider the following statements regarding Unnat Bharat Abhiyan:

1. Unnat Bharat Abhiyan aims to link Higher Education Institutions with set of at least 5 villages for their economic and social betterment.
2. Union Ministry of Rural Development is nodal agency to implement this Mission.
3. Under Unnat Bharat Abhiyan 2.0, IIT Kanpur has been designated as National Coordinating Institute.

Which of the above statement(s) is/are INCORRECT?

- (a) 3 only (b) 1 and 2 only
(c) 2 and 3 only (d) 1, 2 and 3

424. (c)

- Unnat Bharat Abhiyan, a flagship programme of the Ministry of Human Resource Development, aims to link the Higher Education Institutions with set of at least 5 villages, so that these institutions can contribute to the economic and social betterment of these village communities using their knowledge base.
- Under Unnat Bharat Abhiyan 2.0, IIT Delhi has been designated as National Coordinating Institute.

Q.425 Consider the following statements regarding Human Development Index (HDI):

1. The Human Development Index (HDI) is a summary measure of average achievement in key dimensions of human development, viz. a long and healthy life, being knowledgeable and have a decent standard of living.
 2. It is launched by World Bank every year to assess the human development in a country.
- Which of the above statement(s) is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

425. (a)

The Human Development Index (HDI) is a summary measure of average achievement in key dimensions of human development: a long and healthy life, being knowledgeable and have a decent standard of living. The HDI is the geometric mean of normalized indices for each of the three dimensions.

Q.426 Consider the following statements related to terms used in economy:

1. Withholding tax is an amount that an employer withholds from employees' wages and pays directly to the government.
2. Depreciation refers as the reduction of recorded cost of a fixed asset in a systematic manner until the value of the asset becomes zero or negligible.
3. During high levels of inflation, the RBI increases the reverse repo rate which encourages the banks to hold more funds with the RBI to earn higher returns on idle cash.

Which of the above statements are correct?

- (a) 1 and 2 only (b) 2 and 3 only
(c) 1 and 3 only (d) 1, 2 and 3

426. (d)

Q.427 Financial Action Task Force (FATF) officially placed Pakistan on its Grey List of countries that are involved in terror financing. Consider the following statements regarding FATF:

1. FATF is an intergovernmental organization which aims to establish international standards for combating money laundering and terror financing.
2. India is a member of FATF.
3. Its secretariat is located in Geneva, Switzerland.

Which of the above statements are correct?

- (a) 1 and 2 only (b) 2 and 3 only
(c) 1 and 3 only (d) 1, 2 and 3

427. (a)

- Financial Action Task Force (FATF) was established in 1989 during the G7 Summit in Paris (France) to combat the growing problem of money laundering. It comprises over 39 member countries including India.
- FATF Secretariat is housed at headquarters of OECD in Paris, France.

Q.428 Which one of the following organisations has launched Swasth Bharat Yatra?

- (a) Life Insurance of India
- (b) Medical Council of India
- (c) Food Safety and Standards Authority of India
- (d) Food Corporation of India

428. (c)

Q.429 Consider the following statements regarding Article 35A, often seen in the news:

1. It is a provision incorporated in the Constitution of India giving authority to Jammu and Kashmir Legislature to decide permanent residents of the State.
2. It was added in the Constitution through 42nd Constitutional Amendment Act, 1976.

Which of the above statement(s) is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

429. (a)

Article 35 A is a Constitutional provision that allows the Jammu-Kashmir assembly to define permanent residents of the state. It was brought in by a presidential order in 1954 in order to safeguard the rights and guarantee the unique identity of the people of Jammu-Kashmir. Only the Jammu-Kashmir assembly can change the definition of PR through a law ratified by a two-thirds majority.

Q.430 Statement (I): Krishonnati Yojana is an umbrella scheme which aims at holistic development of entire agriculture and allied sector.

Statement (II): Development of horticulture sector is one of the component of Krishonnati Yojana.

- (a) Both Statement (I) and Statement (II) are true and Statement (II) is the correct explanation of Statement (I).
- (b) Both Statement (I) and Statement (II) are true but Statement (II) is not a correct explanation of Statement (I).
- (c) Statement (I) is true but Statement (II) is false.
- (d) Statement (I) is false but Statement (II) is true.

430. (b)

- Krishonnati Yojana is an umbrella scheme comprises of 11 Schemes/Missions. These schemes look to develop the agriculture and allied sector in a holistic and scientific manner to increase the income of farmers by enhancing production, productivity and better returns on produce.
- Mission for Integrated Development of Horticulture (MIDH) which aims to promote holistic growth of horticulture sector; to enhance horticulture production, improve nutritional security and income support to farm Households, is a part of Krishonnati Yojana.

Q.431 Consider the following statements:

1. An engineer is not always blameworthy for consequences of his/her actions.
2. Moral responsibility can extend beyond roles.
3. Professional responsibility is based on professional role and can extend beyond moral limits.

Which of the above statement(s) is/are correct?

- (a) 1 and 2 only (b) 2 only
(c) 3 only (d) 1, 2 and 3

431. (a)

Professional responsibility is based on professional role and should be within moral limits.

Q.432 Which of the following are an engineer's responsibilities to the client?

1. Disclosure of design errors
2. Confidentiality
3. Accept costly gift but not bribe
4. Adherence to design code
5. Monitoring of Sub-Contractors

Select the correct answer using the codes given below:

- (a) 1, 3, 4 and 5 (b) 2 and 3 only
(c) 1, 2, 4 and 5 (d) 1, 2, 3, 4 and 5

432. (c)

An engineer's responsibilities to the client are:

1. Disclosure of design errors
2. Confidentiality
3. Adherence to design code
4. Monitoring of Sub-Contractors

Note: A professional/engineer need not to accept either gift or bribe. A small present/gratitude may be accepted but that should not hamper professional obligations of an engineer.

Q.433 Consider the following statements regarding Virtue Ethics:

1. It doesn't provide clear guidance on what to do in moral dilemmas.
2. Virtue ethics is concerned with the whole of a person's life, rather than particular episodes or actions.

Which of the above statement(s) is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

433. (c)

- Virtue ethics is person-based rather than action based. it looks at the virtue or moral character of the person carrying out an action, rather than at ethical duties and rules, or the consequences of particular actions.
- It doesn't provide clear guidance on what to do in moral dilemmas.

Q.434 Consider the following statements regarding Utilitarianism:

1. Utilitarianism holds that we always ought to produce the most utility, taking into equal account that some people are affected by our actions.
2. Act Utilitarianism says that we should focus on individual actions, rather than general rules.
3. Rule Utilitarianism claims that the most efficient means of creating the greater good for humanity is to have a moral code with rules of conduct clearly understood.

Which of the above statement(s) is/are correct?

- (a) 1 only (b) 1 and 2 only
(c) 2 and 3 only (d) 1, 2 and 3

434. (d)

Q.435 Which one of the following terms refers to a behavior shown by a person or an organization, which limits employees' liberty or autonomy for their own good?

- (a) Beneficence (b) Censorship
(c) Coercion (d) Paternalism

435. (d)

- Paternalism refers as restricting an employee's decision-making (autonomy or liberty) by a person or an organisation for its own good.
- In soft paternalism, one restricts the choices made by someone who has a compromised ability to make decisions; whereas in hard paternalism, one restricts the choices made by someone who has full autonomy.

Q.436 The principle of non-maleficence:

1. Holds that there is an obligation not to inflict harm on others.
2. Tells that it is a moral obligation to act for the benefit of others.
3. Obliges us to equitably distribute benefits, risks, costs, and resources.

Select the correct answer using the codes given below:

- (a) 1 only (b) 1 and 2 only
(c) 2 only (d) 1, 2 and 3

436. (a)

- The principle of non-maleficence holds that there is an obligation not to inflict harm on others.
- The principle of beneficence is a moral obligation to act for the benefit of others.
- The principle of justice obliges us to equitably distribute benefits, risks, costs, and resources.

Q.437 Which one of the following statements is NOT correct?

- (a) Engineered accidents are caused by failure of materials, devices that do not perform as expected.
(b) Systematic accidents are harder to understand and control.
(c) Safety means absence of all risks.
(d) Extent of risk is determined by severity of possible harm to each individual.

437. (c)

Safety is basically freedom from damage, injury and risk. It cannot ensure absence of all kinds of risks.

Q.438 Consider the following statements:

1. An engineer is not always blameworthy for consequences of his/her actions.
2. Moral responsibility can extend beyond roles.
3. Professional responsibility is based on professional role and can extend beyond moral limits.

Which of the above statement(s) is/are correct?

- (a) 1 and 2 only (b) 2 only
(c) 3 only (d) 1, 2 and 3

438. (a)

Professional responsibility is based on professional role and should be within moral limits.

Q.439 Which of the following branches of ethics is the study of ethical action?

- (a) Normative ethics (b) Meta-ethics
(c) Professional ethics (d) Descriptive ethics

439. (a)

Normative ethics is a part of moral philosophy, or ethics concerned with criteria of what is morally right and wrong. It is basically the study of ethical action.

Q.440 Which of the following is/are correctly matched?

1. **Disciplinary Codes:** Defines certain values and norms to which behavior of professionals meets.
2. **Advisory Codes:** Values to which a professional is committed.
3. **Aspirational Codes:** Helps individual professionals to exercise moral judgement.

Select the correct answer using the codes given below:

- (a) 1 only (b) 2 and 3 only
(c) 3 only (d) 1, 2 and 3

440. (a)

Disciplinary Codes: Defines certain values and norms to which behavior of professional meets.

Advisory Codes: Helps individual professionals to exercise moral judgement

Aspirational Codes: Values to which a professional is committed.

Q.441 Consider the following statements:

1. Ethical Dilemma is a value conflict in which one or more of the alternatives involve in moral and professional wrongdoings.
2. Occupational health aims at the promotion and maintenance of the highest degree of physical, mental and social well-being of workers.

Which of the above statement(s) is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

441. (c)

Q.442 Engineering Ethics examines and sets the obligations by engineers to society, to their clients, and to the profession. An important takeaway of engineering ethics is to:

- (a) Punish unethical behaviour (b) Promote ethical premonition
(c) Prevent unethical behaviour (d) All of the above

442. (c)

Q.443 Which of the following parameters are used for confronting moral dilemma?

1. Identification of factors
2. Collection of information
3. Generate alternative
4. Discussion
5. Decision

Select the correct answer using the codes given below:

- (a) 1, 2 and 3 only (b) 1, 2 and 4 only
(c) 3, 4 and 5 only (d) All of the above

443. (d)

For confronting moral dilemma, some steps/parameters are as follows:

1. Identification of factors
2. Collection of information
3. Ranking
4. Generate alternative
5. Discussion
6. Decision

Q.444 Consider the following statements regarding courage:

1. Facing the criticism, owning responsibility and accepting the mistakes are the expressions of courage.
2. In professional ethics, courage is applicable to the employers only.

Which of the above statements is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

444. (a)

In professional ethics, courage is applicable to the employers, employees, public and press.

Q.445 Which one of the following pairs is NOT correctly matched?

- (a) **Humility:** Self-direction virtue (b) **Generosity:** Public-spirit virtue
(c) **Diligence:** Proficiency virtue (d) **Perseverance:** Team work virtue

445. (d)

Self-direction Virtues: Self-understanding, humility, moral autonomy, courage, self-discipline, perseverance, self-respect, integrity, honesty

Public Spirited Virtues: Beneficence, generosity, sense of community

Team Work Virtues: Collegiality, cooperation, respect for authority, loyalty

Proficiency Virtues: Competence, diligence, creativity.

Q.446 Consider the following statements regarding environmental ethics:

1. Sustainability is the ethical responsibility because of obligations that current generations have towards future generations.
2. Efficiency is the value which refers as being wise in handling matters related to environment.
3. In long term perspective, sustainability arguably maximizes efficiency.

Which of the above statement(s) is/are correct?

- (a) 1 only (b) 1 and 3 only
(c) 2 and 3 only (d) 1, 2 and 3

446. (b)

Prudency is the value which refers as being wise in handling matters related to environment.

Q.447 Consider the following statements:

1. Moral temptation is a situation in which one is aware of negative consequences of his/her actions.
2. Ethical dilemma is a situation in which one does not know which side to go.
3. Bribe is an ethical dilemma.

Which of the above statement(s) is/are correct?

- (a) 1 only (b) 1 and 2 only
(c) 2 and 3 only (d) 1, 2 and 3

447. (b)

Q.448 The goal of studying engineering ethics is to improve ethical skills in terms of:

- (a) Moral awareness (b) Moral conciseness
(c) Moral relativism (d) Moral realism

448. (a)

The study of engineering ethics focus on improving:

- Moral communication
- Moral reasoning
- Moral coherence
- Moral awareness
- Moral imagination

Q.449 Which one of the following pairs regarding values related to environment is NOT correct?

- (a) **Respect:** Willingness to show consideration for natural resources.
(b) **Accountability:** Being answerable for obligations to do no harm to environment.
(c) **Prudence:** Being wise in handling matters related to environment.
(d) **Justice:** Producing with minimum wastage of resources.

449. (d)

Q.450 Which of the following factors can differentiate gift and bribe?

1. Cost
2. Motive
3. Timing

Select the correct answer using the codes given below:

- (a) 1 and 2 only (b) 2 and 3 only
(c) 1 and 3 only (d) 1, 2 and 3

450. (d)

