

## SSC-JE 2016 Held on 2nd March 2017(Afternoon shift)

**Options:**

- 1) cardiac
- 2) caecum
- 3) fundic
- 4) pyloric

**Correct Answer:** caecum

**QID : 352** - Which of the following white blood cells is a type of agranulocytes?

**Options:**

- 1) neutrophils
- 2) eosinophils
- 3) lymphocytes
- 4) basophils

**Correct Answer:** lymphocytes

**QID : 353** - Which of the following is an insectivorous plant?

**Options:**

- 1) Pitcher
- 2) Alstonia
- 3) Calotropis
- 4) Eichhornia

**Correct Answer:** Pitcher

**QID : 354** - Which of the following represents the correct pathway of water movement in the root?

**Options:**

- 1) Epidermis > Endodermis > Cortex > Pericycle > Xylem
- 2) Epidermis > Pericycle > Endodermis > Cortex > Xylem
- 3) Epidermis > Cortex > Endodermis > Pericycle > Xylem
- 4) Epidermis > Pericycle > Cortex > Endodermis > Xylem

**Correct Answer:** Epidermis > Cortex > Endodermis > Pericycle > Xylem

**QID : 355** - Consider the following pairs.

**Name : Formula**

- 1] 2-Bromopropane :  $(\text{CH}_3)_2\text{C}=\text{CHCOCH}_3$
- 2] Propan-1-amine :  $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{NH}_2$
- 3] Dichloromethane :  $\text{CH}_2\text{Cl}_2$
- 4] 4-Methylpent-3-en-2-one :  $\text{CH}_3-\text{CHBr}-\text{CH}_3$

Which of the above pairs are correctly matched?

**Options:**

- 1) 1 and 4 only
- 2) 3 and 4 only
- 3) 2 and 3 only
- 4) 2 , 3 and 4 only

**Correct Answer:** 2 and 3 only

**QID : 356** - What is the IUPAC name of Allyl bromide?

**Options:**

- 1) Dichloromethane
- 2) Tetrachloromethane
- 3) 2-Chlorobutane
- 4) 3-Bromopropene

**Correct Answer:** 3-Bromopropene

**QID : 357** - Formula for Hexamethylene diamine is \_\_\_\_\_.

**Options:**

- 1)  $\text{NH}_2(\text{CH}_2)_4\text{NH}_2$
- 2)  $\text{NH}_2(\text{CH}_2)_6\text{NH}_2$
- 3)  $\text{NH}_2(\text{CH}_2)_3\text{NH}_2$
- 4)  $\text{NH}_2(\text{CH}_2)_2\text{NH}_2$

**Correct Answer:**  $\text{NH}_2(\text{CH}_2)_6\text{NH}_2$

**QID : 358** - Which of the following elements is the most electronegative?

**Options:**

- 1) Aluminium
- 2) Boron
- 3) Gallium
- 4) Thallium

**Correct Answer:** Boron

**QID : 359** - Which HTML tag is used to make a text bold?

**Options:**

- 1) `<body>`
- 2) `<b>`



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3) <br>

4) None of these

**Correct Answer:** <b>

**QID : 360** - To easily access commonly used commands and tools in a word processor use the \_\_\_\_\_ bar.

**Options:**

1) Home

2) Title

3) Menu

4) Tool

**Correct Answer:** Tool

**QID : 361** - Hareli is the harvest festival of which state?

**Options:**

1) Assam

2) Andhra Pradesh

3) Himachal Pradesh

4) Chhattisgarh

**Correct Answer:** Chhattisgarh

**QID : 362** - In October 2016, who was sacked as the Chairman of the Tata Sons?

**Options:**

1) Ratan Tata

2) Narayan Murthy

3) Cyrus Mistry

4) Vishal Sikka

**Correct Answer:** Cyrus Mistry

**QID : 363** - Which of the following scientists demonstrated that fermentation is caused by the growth of micro-organisms?

**Options:**

1) Edmund Becquerel

2) Dmitri Mendeleev

3) Louis Pasteur

4) Joseph Priestley

**Correct Answer:** Louis Pasteur



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**QID : 364** - The line consisting of all the bundles which cost exactly equal to the consumer's income is called the \_\_\_\_\_ line.

**Options:**

- 1) demand
- 2) utility
- 3) budget
- 4) indifference

**Correct Answer:** budget

**QID : 365** - The area under the short run \_\_\_\_\_ cost curve up to any level of output gives us the total variable cost up to that level.

**Options:**

- 1) average
- 2) marginal
- 3) total
- 4) variable

**Correct Answer:** marginal

**QID : 366** - If price of an article decreases from Rs 60 to Rs 50, when quantity demanded increases from 1,000 units to 1,200 units. Find point elasticity of demand.

**Options:**

- 1) 1
- 2) -1.2
- 3) -1
- 4) 1.2

**Correct Answer:** -1

**QID : 367** - Which ratio is the proportion of the total deposits commercial banks keep as reserves?

**Options:**

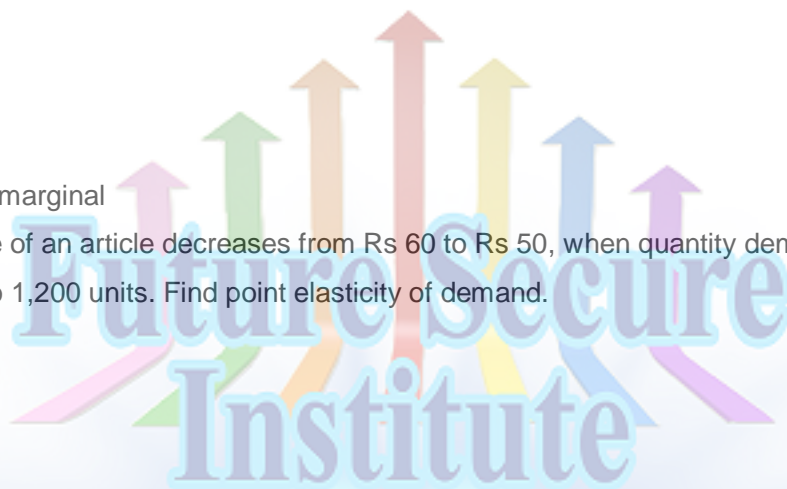
- 1) Cash Reserve
- 2) currency deposit
- 3) Reserve deposit
- 4) Statutory Liquidity

**Correct Answer:** Reserve deposit

**QID : 368** - Gross Domestic Product + Net factor income from abroad =

**Options:**

- 1) Personal income
- 2) Personal Disposable Income
- 3) Gross National Product
- 4) Net National Product at factor cost



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**Correct Answer:** Gross National Product

**QID : 369** - Which of the following metals is not used as a catalyst in catalytic converters fitted in automobiles?

**Options:**

- 1) Platinum
- 2) Polonium
- 3) Rhodium
- 4) Palladium

**Correct Answer:** Polonium

**QID : 370** - Bio-magnification is well established for which of the following pollutants?

**Options:**

- 1) zinc
- 2) mercury
- 3) copper
- 4) nickel

**Correct Answer:** mercury

**QID : 371** - All changes in climate and weather take place in which layer of the atmosphere?

**Options:**

- 1) Stratosphere
- 2) Mesosphere
- 3) Thermosphere
- 4) Troposphere

**Correct Answer:** Troposphere

**QID : 372** - Which type of electromagnetic radiation converts oxygen into ozone?

**Options:**

- 1) Gamma rays
- 2) Cosmic rays
- 3) Infra-red rays
- 4) Ultra-violet rays

**Correct Answer:** Ultra-violet rays

**QID : 373** - Jan Koum is the cofounder of which startup?

**Options:**

- 1) Microsoft
- 2) Google
- 3) Facebook
- 4) WhatsApp



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**Correct Answer:** WhatsApp

**QID : 374** - With reference to the interior of the earth consider the following statements.

- 1] Body waves are generated due to the release of energy at the focus.
- 2] The denser the material, the lower is the velocity of the Earthquake waves.
- 3] There are two types of body waves. They are called P and S-waves.

Which of the statements given above is / are correct?

**Options:**

- 1) 1 and 2 only
- 2) 2 and 3 only
- 3) 3 only
- 4) 1 and 3 only

**Correct Answer:** 1 and 3 only

**QID : 375** - Which of the following is a major tectonic plate?

**Options:**

- 1) Cocos plate
- 2) Arabian plate
- 3) Pacific plate
- 4) Nazca plate

**Correct Answer:** Pacific plate

**QID : 376** - The mean distance between the Sun and the Earth is approximately \_\_\_\_\_.

**Options:**

- 1) 99.6 Million Km
- 2) 49.6 Million Km
- 3) 149.6 Million Km
- 4) 199.6 Million K

**Correct Answer:** 149.6 Million Km

**QID : 377** - The process by which soil deposits through compaction turn into rocks is called \_\_\_\_\_.

**Options:**

- 1) lithification
- 2) Metamorphication
- 3) Slatification
- 4) Petrification

**Correct Answer:** lithification

**QID : 378** - The Rabi cropping season is from \_\_\_\_\_.



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**Options:**

- 1) April – June
- 2) June - September
- 3) May - August
- 4) October – March

**Correct Answer:** October – March

**QID : 379** - With reference to India's freedom struggle consider the following statements.

- 1] Gandhiji's first major public appearance was at the opening of the Banaras Hindu University (BHU) in February 1916.
- 2] During the Great War of 1914-18, the French had instituted censorship of the press and permitted detention without trial.
- 3] Jallianwala Bagh massacre took place in Amritsar in April 1919.

Which of the statements given above is / are correct?

**Options:**

- 1) 1 and 2 only
- 2) 2 and 3 only
- 3) 3 only
- 4) 1 and 3 only

**Correct Answer:** 1 and 3 only

**QID : 380** - By the sixth century BC, \_\_\_\_\_ had established control over major parts of the Assyrian empire.

**Options:**

- 1) Iranians
- 2) Greeks
- 3) Romans
- 4) Mongols

**Correct Answer:** Iranians

**QID : 381** - Asoka, arguably the most famous ruler of early India, conquered \_\_\_\_\_, present-day coastal Orissa.

**Options:**

- 1) Pataliputra
- 2) Prayaga
- 3) Taxila
- 4) Kalinga



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**Correct Answer:** Kalinga

**QID : 382** - Ibn Battuta was a \_\_\_\_\_ who wrote about his travels to India in the fourteenth century.

**Options:**

- 1) Persian
- 2) Egyptian
- 3) Turk
- 4) Moroccan

**Correct Answer:** Moroccan

**QID : 383** - One of the earliest Bhakti movements were led by the Nayanars, who were devotees of \_\_\_\_\_.

**Options:**

- 1) Shiva
- 2) Vishnu
- 3) Surya
- 4) Brahma

**Correct Answer:** Shiva

**QID : 384** - Phonograph was invented by which scientist?

**Options:**

- 1) Alexander Graham Bell
- 2) Thomas Edison
- 3) Jagadish Chandra Bose
- 4) George Eastman

**Correct Answer:** Thomas Edison

**QID : 385** - Consider the following pairs.

**Event : Time interval ( in Seconds)**

- 1] Period of atomic vibrations :  $10^{-15}$
- 2] Period of radio wave :  $10^{-6}$
- 3] Travel time for light from Sun to Earth :  $10^6$
- 4] Revolution period of the moon :  $10^{10}$

Which of the above pairs are correctly matched?

**Options:**

- 1) 1 and 4 only
- 2) 1 and 2 only



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- 3) 2 and 3 only  
4) 2 , 3 and 4 only

**Correct Answer:** 1 and 2 only

**QID : 386** - The correct expression for the time period (T) of a particle of mass (m) performing Simple Harmonic Motion, where k is a constant, is \_\_\_\_\_.

**Options:**

- 1)  $T = 2\pi\sqrt{(k/m)}$   
2)  $T = 2\pi(m/k)^2$   
3)  $T = 2\pi(k/m)^2$   
4)  $T = 2\pi\sqrt{(m/k)}$

**Correct Answer:**  $T = 2\pi\sqrt{(m/k)}$

**QID : 387** - Who has a wavelength range of 700 nm to 400 nm?

**Options:**

- 1) X-Rays  
2) Visible light  
3) Microwaves  
4) Radio waves

**Correct Answer:** Visible light

**QID : 388** - How far should the object be placed from a concave mirror of focal length 4.8 cm, when the image is to be obtained at a distance of 12 cm from the mirror?

**Options:**

- 1) 8 cm  
2) 10 cm  
3) 12 cm  
4) 15 cm

**Correct Answer:** 8 cm

**QID : 389** - The Institution of the Speaker and his role of the Indian Constitution are borrowed from the \_\_\_\_\_ constitution.

**Options:**

- 1) British  
2) French  
3) Irish  
4) Canadian

**Correct Answer:** British

**QID : 390** - Which of the following is a characteristic of a Proportional Representation system?



**Options:**

- 1) The country is divided into small geographical units called constituencies or districts
- 2) Candidate who wins the election may not get majority (50%+1) votes
- 3) A party may get more seats than votes in the legislature
- 4) Every party gets seats in the legislature in proportion to the percentage of votes that it gets

**Correct Answer:** Every party gets seats in the legislature in proportion to the percentage of votes that it gets

**QID : 391** - Which of the following is false with reference to Presidential type of executive?

**Options:**

- 1) President is the head of the Government
- 2) President is head of the state
- 3) The President is usually directly elected by the people
- 4) President is accountable to the Legislature

**Correct Answer:** President is accountable to the Legislature

**QID : 392** - Which of the following subjects is included in the Concurrent List?

**Options:**

- 1) Banking
- 2) Trade Unions
- 3) Agriculture
- 4) Police

**Correct Answer:** Trade Unions

**QID : 393** - Independence of Judiciary means all of the following, except \_\_\_\_\_.

**Options:**

- 1) Executive must not restrain the functioning of the judiciary
- 2) Legislature should not interfere with the decision of the judiciary.
- 3) Absence of accountability
- 4) Judges must be able to perform their functions without fear

**Correct Answer:** Absence of accountability

**QID : 394** - Jwala Gutta is associated with which sport?

**Options:**

- 1) Wrestling
- 2) Boxing
- 3) Badminton
- 4) Weight Lifting

**Correct Answer:** Badminton

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**QID : 395** - Who wrote the novel "Angels & Demons"?

**Options:**

- 1) Dan Brown
- 2) Jonathan Swift
- 3) Daniel Defoe
- 4) William Shakespeare

**Correct Answer:** Dan Brown

**QID : 396** - Over two-thirds of all named species on earth are \_\_\_\_\_.

**Options:**

- 1) Porifera
- 2) Arthropods
- 3) Aschelminthes
- 4) Ctenophora

**Correct Answer:** Arthropods

**QID : 397** - Which type of epithelium is made of a single thin layer of flattened cells with irregular boundaries?

**Options:**

- 1) cuboidal
- 2) columnar
- 3) ciliated
- 4) squamous

**Correct Answer:** squamous

**QID : 398** - Which is the longest river bridge in India?

**Options:**

- 1) Bandra-Worli Sea Link
- 2) Mahatma Gandhi Setu
- 3) Vikramshila Setu
- 4) Vembanad Rail Bridge

**Correct Answer:** Mahatma Gandhi Setu

**QID : 399** - Which of the following is a famous Classical Indian dancer?

**Options:**

- 1) Amrita Sher Gil
- 2) Satish Gujral



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3) Sonal Mansingh

4) Bhimsen Joshi

**Correct Answer:** Sonal Mansingh

**QID : 400** - Which of the following is a recipient of the "Ashoka Chakra" award?

**Options:**

1) Abhijeet Gupta

2) Hangpan Dada

3) Akhil Kumar

4) Sunil Chhetri

**Correct Answer:** Hangpan Dada

