

**(Paper) SSC Junior Engineers (JE) Exam - 2016 "held on
02 March 2017" Afternoon Shift (General Awareness)**

QID : 351 - Which of the following is not a part of the human stomach?

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 : CH_2Cl_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)
- 3)

- 4) None of these

Correct Answer:

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

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

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

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 _____.

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

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 : 106

4] Revolution period of the moon : 1010

Which of the above pairs are correctly matched?

Options:

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

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
- 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