# VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST GENERAL KNOWLEDGE - I <br> ECONOMICS AND COMMERCE 

24-12-2016

1. In the context of which of the following do you sometimes find term s 'amber box, blue box and green box' in the news? (IAS 2016 GS-I)
a) WTO affairs
b) SAARC affairs
c) UNFCCC
d) India - EU affairs
2. Which of the following is / are included in the capital budget of the GOI? (IAS 2016 GS - I)
1.Expenditure on acquisition of assts like roads, buildings, machinery, etc.
2.Loans received from foreign governments 3.Loans and advances granted to the States and Union Territories

Select the correct answer using the code given below.
a) 1 only
b) $2 \& 3$ only
c) $1 \& 3$ only
d) $1,2 \& 3$
3. Consider the following statements:
(IAS 2016 GS-I)
1.NDB has been set up by APEC 2.The headquarters of NDB is in Shanghai

Which of the statements given above is / are correct?
a) 1 only
b) 2 only
c) Both 1 \& 2
d) Neither 1 nor 2
4. Global Financial Stability Report is prepared by the
(IAS 2016 GS-I)
a) ECB
b) IMF
c) IBRD
d) OECD
5. Which of the following issue the "Global Economic Prospects" report periodically? (IAS GS - I 2015)
a) Asian Development Bank
b) The European Bank for Reconstruction and Development
c) The US Federal Reserve Bank
d) D. The World Bank

## HISTORY

6. Which one of the following began with the Dandi March?
a) Home rule Movement b) Non-Cooperation Movement c) Civil disobedience Movement d) Quit India Movement
7. Who of the following Prime Ministers sent Cripps Mission to India?
a) James Ramsay MacDonald
b) Stanley Baldwin
c) Neville Chamberlain
d) Winston Churchill
8. With which one of the following movements is the slogan 'Do or die' associated?
a) Swadeshi Movement
b) Non-Cooperation Movement c) Civil Disobedience Movement d) Quit India Movement
9. With whose permission did the English set up their first factory at Surat?
a) Akbar
b) Jahangir
c) Shahjahan
d) Aurangzeb
10. The term 'Yavanapriya' mentioned in ancient Sanskrit texts denoted
a) a fine variety of Indian Muslim
b) Ivory
c) damsels sent to the Greek court for dance performance
d) pepper

## PHYSICS

11. Which is the strongest force in the universe?
a) Gravitational force
b) Electrostatic force
c) weak force
d) nuclear force
12. On a rainy day small oil films on water show brilliant colours, this is due to
a) dispersion
b) interference
c) diffraction
d) polarization
13. Light travels at the fastest speed in
a) glass
b) water
c) hydrogen
d) vacuum
14. Which instrument is used to measure altitudes in aircraft?
a) audiometer
b) ammeter
c) altimeter
d) anemometer
15. How many distance of marathon race
a) 38 miles
b) 44 miles
c) 92 miles
d) 26 miles
BIOLOGY
16. If the $\mathrm{CO}_{2}$ content of the atmosphere is as high as 300 parts per million
a) All plants would be killed
b) The plants would not grow properly
c) Plants would grow for some time and then die
d) The plants would thrive well
17. Algae and other submerged plants in water float during day time and sink at night, because
a) They come upto enjoy some time
b) They lose weight at night
c) They become byont due to accumulation of $\mathrm{O}_{2}$ as a result of photosynthesis
d) They become light due to food material accumulation
18. Which is known as Tree of Peace'?
a) Oak
b) Dates
c) Olive (Olea europaea)
d) Pinus
19. The two global biodiversity hotspots present in the Indian sub-continents are
a) Western and Eastern Ghats
b) Western and Eastern Himalaya
c) Sri Lanka and Indo-Burma
d) Western Ghats and Lakshadweep
20. Heavy dust can cause the plant
a) Opening of stomata
b) Closing of stomata
c) Browning of leaf
d) Leaf blights

COMPUTER SCIENCE
21. When NASSCOM (National Association Of Software And Service Companies) was established
a) 1988
b) 1997
c) 1993
d) 1882
22. First computer virus is known as
a) Rabbit
b) Creeper Virus
c) Elk Cloner
d) Sca Virus
23. Who is known as the founder of IBM company
a)Steve Jobs
b) Thomas J.Watson
c) Nolan Bushnell
d) Alan Turing
24. What is the full form of PDF
a)Printed Document Format b)Public Document Format c)Portable Document Format d)Published Document Format
25. Computer hard disk was first introduced in 1956 by
a) Dell
b) Apple
c) Microsoft
d) IBM

## SPORTS

26. Who amongst the following is the first Indian women to be nominated to the International Olympic Committee?
[A] Nita Ambani
[B]Anjum Chopra
[C]Mithali Raj
[D]Chandra kachuer
27. Which Indian umpire has been recently promoted as umpire for International Hockey Federation (FIH)?
[A]DeepikaKaul
[B]Nepoleon Singh
[C]Satinder Sharma
[D]Durga Thakur
28. Who has won the 2016 Laureus World Sportsman of the Year Award?
[A]Lewis Hamilton
[B]Usain Bolt
[C]Novak Djokovic
[D]Lionel Messi
29. Who has been named as the International Boxing Association (AIBA) ambassador for Women's World Championship?
[A]Akhil Kumar
[B]MaryKom
[C]Mohammad Ali Qamar
[D]Vijender Singh
30. Which committee has recommended change in the structure and ecosystem in the Indian cricket board? [A]RM Lodha committee [B]Kirit Parikh committee [C]BibekDebroy committee [D]Naresh Chandra committee NUMERICAL ABILITY AND TEST OF REASONING
31. Find out the missing number


|  | 10 |  |
| :--- | :--- | :--- |
| 12 | $?$ | 10 |
|  | 17 |  |
|  |  |  |

32. 

| 4 | 8 | 20 |
| :--- | :--- | :--- |
| 9 | 3 | 15 |
| 6 | 6 | $?$ |

33. If $84 \times 13=8,37 \times 13=6,26 \times 11=6$ then $56 \times 22=$ ?
34. Find out the missing number $7,12,9,14,11,16$, ?
35. Find $15^{2}+$ ? $=18^{2}$
a) 36
b) 39
c) 7
d) 11
b)
c) 13
d) 18
36. Find the wrong number [BSRB Guwahati PO Exam 1997]

1788, 892, 444, 220, 112, 52, 24
a) 52
b) 112
c) 220
d) 444
37. How many sons D has? [State Bank Po Exam 1997]
i) $B$ and $F$ are brothers of $A$. li) $C$ is the sister of $A$ and $F$. lii) $C$ and $E$ are daughter of $D$.
a) I,II and III
b) II and III only
c) I and II only
d) None.
38. Arrange the following words in a logical and meaningful order [SSC 1994]

1. Trillion
2. Thousand
3. Billion 4.hundred
4. Million.
a) $1,2,4,3,5$
b) $1,5,3,2,4$
c) $4,2,3,5,1$
d) $4,2,5,3,1$
5. Among five boys Vasant is taller than Manohar but not as tall as Raju, Jayant is taller than Dutta, but shorter than Manohar. Who is the tallest in the group ? [NABARD 1994]
a) Raju
b) Manohar
c) Vasant
d) None
6. Choose the correct alternative [CBI EXAM 1994]
aab $\qquad$ ab $\qquad$ cabcca $\qquad$ bcab $\qquad$ c
a) bbbc
b) bbab
c) cabc
d) cbab

## ENGLISH

Idioms and Phrases:
41. For the first week, the apprentice felt like fish out of water.
42. When I saw him in the morning, he looked like a duck in a thunderstorm.
43. Our school is within a stone's throw of the railway station.
44. Almost everybody has an eye on the main chance.
45. Mr. Gupta, who is one of the trustees of a big charity is suspected of feathering his own nest.

# VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST 

 GENERAL KNOWLEDGE - II21-01-2017

## ECONOMICS AND COMMERCE

1. Which of the following is / are the indicator / indicators used by IFPRI to compute the Global Hunger Index Report? (IAS 2016 GS - I)
2. Undernourishment 2. Child stunting 3. Child mortality Select the correct answer using the code given below.
a) 1 only
b) $2 \& 3$ only
c) $1 \& 3$ only
d) $1,2 \& 3$
3. There has been a persistent deficit budget year after year. Which action / actions of the following can be taken by the government to reduce the deficit? (IAS 2016 GS -I)
4. Reducing revenue expenditure 2. Introducing new welfare schemes
5. Rationalizing subsidies 4. Reduction import duty

Select the correct answer using the code given below.
a) 1 only
b) $2 \& 3$ only
c) $1,2 \& 4$
d) $1 \& 3$
3. Recently which one of the following currencies has been proposed to be added to the basket of IMFs SDR? (IAS 2016 GS - I)
a) Rouble
b) Rand
c) India Rupee
d) Renminbi
4. Which of the following best describe the term import cover, sometimes seen in the news? (IAS $2016 \mathrm{GS}-\mathrm{I}$ )
A. It is the ratio of value of imports to the Gross Domestic Product of a country
B. It is the total value of imports of a country in a year
C. It is the ratio between the value of exports between two countries
D. It is the number of months imports that could be paid for by a country's international reserve
5. With reference to Stand Up India Scheme which of the following Statements is/ are correct? (IAS 2016 GS - I)

1. Its purpose is to promote entrepreneurship among SC/ ST and women entrepreneurs.
2. It provide for refinance through SIDBI.

Select the correct answer using the code given below.
a) 1 only
b) 2 only
c) Neither 1 nor 2
d) Both 1 and 2

HISTORY
6. Arrange the following in chronological order
I. Sama Veda
II. Rig Veda
III. Yajur Veda
IV. Atharva Veda
a) I, III, II \& IV
b) III, IV, I \& II
c) IV, I, II \& III
d) II, III, I \& IV
7. Which Veda has been divided in to ten Mandalas and 1028 hymns?
a) Rig Veda
b) Yajur Veda
c) Sama Veda
d) Atharva Veda
8. Arrange the following periods in chronological order
I. Neolithic period
II. Mesolithic period
III. Chalcolithic period
IV. Palaeolithic period
9. Which ancient University accommodated about 10,000 students and 1500 teacher?
a) Kasi
b) Nalanda
c) Takshesila
d) Ujjain
10. Which place was made as eastern capital after the integration of Kalinga with Mauryan empire?
a) Pataliputra
b) Nalanda
c) Tosali
d) Vikramasil

PHYSICS
11. Sound of frequency below 20 Hz is called
a) audio sounds
b) infrasonic
c) ultrasonic
d) supersonic
12. Oil raise up the wick in a lamp. The principle involves a) diffusion of oil through the wick b) capillary action phenomenon c) liquid state of oil d) viscosity of oil
13. Superconductors are substances which
a) conduct electricity at low temperature
b) offer high resistance to the flow of current
c) offer no resistance to the flow of electricity
d) conduct electricity at high temperatures
14. Isotopes of an element contain
a) the same number of protons but different number of neutrons
b) the same number of neutrons but different number of protons
c) equal number of protons and electrons
d) equal number of nucleons
15. One should not connect a number of electrical appliances to the same power socket because
a) this can damage the appliances due to overloading
b) this can damage the domestic wiring due to overloading
c) this can damage the electrical meter
d) the appliance will not get full voltage

## CHEMISTRY

16. Which among the following is the correct decreasing of bio-elements in Human Body?
[A]oxygen, hydrogen, Carbon, nitrogen, calcium, and phosphorus
[B]oxygen, carbon, nitrogen, hydrogen, calcium, and phosphorus
[C]oxygen, carbon, hydrogen, nitrogen, calcium, and phosphorus
[D]carbon, oxygen, hydrogen, nitrogen, calcium, and phosphorus
17. The main active constituent of tea and coffee is
[A] nicotine
[B] chlorophyll
[C] caffeine
[D] aspirin
18. Antibodies can be used
[A] for the localization of proteins in the cell
[B] for protein purification
[C] to catalyze chemical reactions
[D] all of the above
19. The main function of antibodies is to
[A] kill all the foreign bodies [B] generate antigens, thus conferring immunization [C] protect the circulatory system [D] chemically combine with the antigen which induces it, inactivate the antigen and protect the body from disease
20. The main buffer system of the human blood is
[A] $\mathrm{H}_{2} \mathrm{CO}_{3}-\mathrm{HCO}_{3}^{-}\left(\mathrm{HCO}_{3}^{-} \rightarrow \mathrm{CO}_{2}+\mathrm{OH}^{-}\right)$
[B] $\mathrm{H}_{2} \mathrm{CO}_{3}-\mathrm{CO}_{3}{ }^{2-}$
[C] $\mathrm{CH}_{3} \mathrm{COOH}-\mathrm{CH}_{3} \mathrm{COO}$
[D] $\mathrm{NH}_{2} \mathrm{CONH}_{2}-\mathrm{NH}_{2} \mathrm{CONH}^{+}$ BIOLOGY
21. Probiotics are ....
a) Live bacteria and yeasts
b) Good in our digestive system
c) called as "good" or "helpful" microorganisms
d) All are correct
22. Which one is probiotic microorganisms...
a) Lactobacillus rhamnosus
b) Saccharomyces boulardii
c) Chlorella
d) All are correct
23. Chlorellabelongs to
a) Blue green algae
b) Fungi
c) Bacteria
d) All are correct
24. What are the effects of probiotic...
a) Prevention of diarrhea
b) Reduction of cancer promoting enzymes
c) Irregular complaints of gastrointestinal tracts
d) All are correct
25. Prebiotic are
a) Substance
b) Food
c) Dietary fiber
d) all are correct

NUMERICAL ABILITY AND TEST OF REASONING
26. Simplify $\frac{(893+786)^{2}-(893-786)^{2}}{893 * 786}$
a) 7
b) 5
c) 4
d) 8
27. The smallest prime number is
a) 2
b) 4
c) 3
d) 5
28. $(1000)^{9} \div 10^{24}=$ ?
a) 1000
b) 100
c) 50
d) 40
29. Find the value of $(1-1 / 3)(1-1 / 4)(1-1 / 5) . . . . . . . . . . . . . . .(1-1 / 100)$
a) $1 / 10$
b) $1 / 20$
c) $1 / 50$
d) $1 / 60$
30. What is the value of $p+q / p-q$ if $p / q=7$
a) $4 / 3$
b) $2 / 6$
c) $1 / 5$
d) $1 / 4$
31. Find odd man out: $8,27,25,125$
a) 64
b) 60
c) 53
d) 25 ENGLISH

## Sentence Improvement:

32. More than one person was killed in the accident.
(a) Were killed,
(b) are killed,
(c) have been killed
(d) No improvement
33. The Poor villagers have waited in bitter cold for more than four hours now.
(a) Have been waiting,
(b) had waited,
(c) has been waiting,
(d) No improvement
34. If he had time he will call you.
(a) Would have,
(b) would have had,
(c) has,
(d) No improvement
35. I have still to meet a person who is perfectly satisfied with the job.
(a) Am still to meet,
(b) am yet to meet,
(c) might still meet,
(d) No improvement
36. They are waiting for him since morning.
(a) Have been waiting,
(b) were waiting,
(c) wait,
(d) No improvement

# VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST <br> GENERAL KNOWLEDGE - III 

28-01-2017

## ECONOMICS AND COMMERCE

1. What is / are the purpose / purposes of Government's 'Sovereign Gold Bond Scheme and "Gold Monetization Scheme? (IAS 2016 GS - I)
1.To bring the idle gold lying with Indian household s into the economy
2.To promote FDI in the gold and jewellery sector 3.To reduce India's dependence on gold imports

Select the correct answer using the code given below.
a) 1 only b) $2 \& 3$ only
c) $1 \& 3$ only
d) $1,2 \& 3$
2. "SWAYAM" an initiative of the GoI, aims at (IAS $2016 \mathrm{GS}-\mathrm{I}$ )
a)Promoting the SHG in rural areas
b)Providing financial and technical assistance to young start -up entrepreneur
c)Promoting the education and health of adolescent girls
d)Providing affordable and quality education to the citizens for free
3. Pradhan Mantri MUDRA Yojana is aimed at (IAS 2016 GS - I)
a)Bringing the small entrepreneurs into formal financial system
b)Providing loans to poor framers for cultivating particular crops
c) Providing pensions to old and destitute person
d)Funding the voluntary organizations involved in the promotion of skill and employment generation
4. The term " Regional Comprehensive Economics Partnership' often appears in the context of the affairs of a group of countries known as (IAS 2016 GS - I)
a) G20
b)ASEAN
c) SCO
d)SAARC
5. With reference to the economic history of medieval India, the term " Araghatta" refers to (IAS 2016 GS - I)
a)Bonded Labour
b)Land grants made to military officers
c) Waterwheel used in the irrigation of land d)Waste land converted to cultivated to land

## HISTORY

6. Who presided over fourth Buddhist council at Kundalavana in Kashmir?
a)Vasumitra
b) Asvagosha
c) Fahien
d) Hiuen Tsang
7. Which is not the work of Kalidasa?
a)Abhijnana Sakuntala
b) Megaduta
c) Ritu Samhara
d) Dasa Kumara Charita
8. Which is not the work of Aryabhatta?
a)Aryabhattiyam
b) Romak Siddhanta
c) Surya Siddhantha
d) Charak Samhita
9. Match list I with list II correctly and select your answer using the codes given below:

## List - I

a) Mohenjodaro
b) Harappa
c) Lothal
d) Kalibangan

## List - II

1. Gujarat
2. North Rajastan
3. Sindh
4. Punjab

## Codes:

|  | A | B | C | D |  | A | B | C | D |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| a) | 4 | 3 | 2 | 1 | b) | 3 | 4 | 1 | 2 |
| c) | 4 | 1 | 3 | 2 | d) | 2 | 1 | 3 | 4 |

10. Who is known in the History of India as the wisest fool?
a)Giasuddin Tughlak
b) Mohamed bin Tughlak
c) Feroza Tughlak
d) Nasiruddin Tughlak

## PHYSICS

11. Persistence of vision is the principle behind?
a) Camera
b) Spectroscope
c) Cinema
d) Periscope
12. The apparatus used in submarines to give clear view of the objects on the surface of the ocean or ground is known as $\qquad$ .
a) Periscope
b) Sectant
c) Stereoscope
d) Telescope
13. Kilowatt - hour is a unit of
a) Energy
b) Power
c) Electric charge
d) Current
14. The I.C Chip used in a computer is made up of
a) Silicon
b) Chromium
c) Gold
d) Lead
15. Woollen clothes keep the body warm because
a) Wool absorbs radiant heat from outer objects
b) Wool is a bad conductor
c) Wool increases the temperature of the body
d) Wool rejects heat from the outer objects

## CHEMISTRY

16. What does Nucleus consist of ?
(a) Protons and Neutrons
(b) Protons and Electrons
(c) Neutrons
(d) Protons
17. The number of $\qquad$ is equal to number of $\qquad$ in its nucleus.
(a) Protons, mesons
(b) Electrons, Neutrons
(c) Protons, Neutrons
(d) Electrons, Protons
18. What is atomic number of an atom?
(a) Number of protons (b) Number of neutrons (c) Number of electrons (d) Total number of protons and neutrons 19. What are reactive metals called?
(a) Noble gases
(b) Alkali metals
(c) Alkanes
(d) Polymers
19. What is the mass number of an atom?
(a) Total number of protons and electrons
(b) Total number of electrons
(c) Total number of protons and neutrons
(d) None of the above

## BIOLOGY

21. Fertilizers washed into lakes are a major cause of
a. Eutrophication
b. Bioaccumulation
c. Bioremediation
d. Bio rectification
22. Charles Darwin discussed all of the following except:
a. Natural selection removes organisms that are poorly adapted to their environment
b. Individuals within a species exhibit variability in form and function
c. Organisms produce more offspring than can survive d. Gene mutation are the source of variation for evolution
23. The difference beak morphologies of Darwin's finches on the galapagos Islands is best explained by:
a. Genetic variation
b. Dietary difference
c. Different habitats
d. All of these
24. Which of the following method is the most appropriate for estimating the population density of burrowing animals? a. Quadrate sampling $\quad$ b. Line transect sampling $\quad$ c. Tag-recaptures method $\quad$ d. Nearest neighbor distance method
25. A drosophila fruit fly female weights about 2 mg . the approximate blood volume of this fly will be:
a. One milliliter
b. One microliter
c. One nanoliter
d. One picoliter

## SPORTS

26. Principle of physical education is derived from----
a)Science
b)Philosophy
c) History
d) Only (a) and (b)
27. Science of behaviour generates-------
a)Good behaviour
b) Good relation
c) Principles of learning
d) Imitation
28. Human behaviour refers to -----------a)Good citizen b)Impressive features
c)The things that people do
d)Good behaviour
29. Physical education is an integral part of ----
a)Yoga b)General education c)Adult education d)Child education
30. Skill, ability and strength can be achieved through-----
a) Moverment training
b)Training
c) Weight training d)Circult training

COMPUTER SCIENCE
31. DVD stands for $\qquad$
b) Digital Video Disk
a) Digital Versatile Disk
32. VCD stands for $\qquad$
(Net Exam January, 2017)
c) Double Volume Disk
d) Dual View Display
b) Video Compact Disc
a) Versatile Compact Disk
c) Voice Compress
d) Voice Decompressor
(SBI PO and Clerk Exam)
33. USB stands for $\qquad$
b) Universal Serial Bus
c) Uniform Serial Bus
d) Universal Studio Bridge
34. SIM stands for $\qquad$ b) Simple Integration Method
c) Simulator
d) Strategic Instruction Model
$\qquad$
b) User Profile Store
c) Un-Interruptable Power Supply
d) Useless Power Supply

## NUMERICAL ABILITY AND TEST OF REASONING

36. A does a work in 10 days and $B$ does the same work in 15 days .In how many days they together will do the same work? a)5 days b)6 days c) 8 days d)9 days
37. A, B and C can complete a piece of work in 24,6 and 12days respectively. Work together they will complete
the same work in:
a) $1 / 24$ days
b) $7 / 24$ days
c) 3 (3/7) days
d) 4 days
38. A and B can do a work in 12 days , B and C in 15 days, C and A in 20 days .If $\mathrm{A}, \mathrm{B}$ and C work together, they will complete the work in:
39. $A$ and $B$ can do a work in 8 days , $B$ and $C$ can do the same work in 12 days. $A, B$ and $C$ together can finish it in 6 days. $A$ and $C$ together will do it in:
a)4days
b)6days
c) 8 days
d) 12 days
40. A and $B$ can do a piece of work in 72 days, $B$ and $C$ can do it in 120 days, $A$ and $C$ can do it in 90 days .In what time can A alone do it? a) 110 days
b) 120 days
c) 130 days
d) 55 days

ENGLISH
41. There are twenty candidates for $\qquad$ ( lectureship / Lectureship )
42. Tribals in India have many interesting $\qquad$ ( habits / customs )
43. $\qquad$ boys will pass the examination. ( Few / A few )
44. No $\qquad$ ( less / fewer ) than fifty person were killed
45. The Lawyer discusses the cases of his $\qquad$ ( customer / client )

## ECONOMICS AND COMMERCE

1. Inflation is caused by (Group - I Preliminary Exam - 2000 )
a) Increase in supply
b) Increase in production
c) Decrease in production
d) Both A \& C
2. Internal trade mean (Group - I Preliminary Exam - 1999 )
a) Export
b) Import
c) Trade within the country
d) None of these
3. Which one of the following is not an objective of Fiscal Policy in India? SSC - 2011
a) Full Employment
b) Price Stability
c) Equitable Distribution of Wealth and incomes
d) Regulation of International Trade
4. An increase in the Bank Rate generally indicates that the (IAS Prelims GS - I)
a) Market rate of interest is likely to fall
b) Central Bank is no longer making loans to Commercial Banks
c) Central Banks is following an easy money policy
d) Central Banks is following tight money policy
5. Mixed Economy refers to $\qquad$ TNFS PAPER - I (GS)- 2014
a) Coexistence of Small and Larger industries
b) Coexistence of Agriculture and Industry
c) Coexistence of Public and Private Sector
6. The world's first electronic stock market is:
a) KOSPI
b) Nikkie
c) NASDAQ
d) Dow Jones
7. The Human Development Index (HDI) is introduced by:
a) UNDP
b) UNICEF
c) IMF
d) World Bank
8. From the following, identify the tools of fiscal policy:
(i) Public expenditure
(ii) Open market operations
(iii) Deficit financin
(iv) Taxation
(v) Reserve requirements
a) (i), (iii), (iv) and (v)
b) (i), (ii), (iv) and (v)
c) (ii) and (v)
d) (i), (iii) and (iv)
9. In 1992, the banking sector reforms were introduced as per:
a) C. Rangarajan Committee Report
b) M. Narasimham Committee Report
c) Suresh Tandulkar Committee Report
d) Sukhamoy Chakrabarty Committee Report
10. For the purpose of extending rural banking and agro finance, the NABARD:
a) Directly lends and monitors the rural borrowers
b) Refinances the banks extending rural finance
c) Refinances the rural borrowers obtaining credit from banks
d) Directly finances the rural borrowers and gets refinance from government

HISTORY
11. Who founded the Mamluk dynasty?
a) Iltutmish
b) Babar
c) Aibak
d) Akbar
12. What was the original name of Nurjahan?
a) Mehr-un-nisa
b) Sultana Salima Begum
c) Ladli Begum
d) Mumtaz Mahal
13. Ibadhat Khana was constituted by Akbar in 1575 A.D. for
a) Holding Philosophical and Theological discussion
b) colleting revenue
c) Colleting custom fees
d) branding horses
14. Akbar built a new capital city for a period of 12 years, to honour Shaikh Salim Chisti at
a) Delhi
b) Fatehpur Sikri
c) Kabul
d) Rajasthan
15. Which Mughal emperor's body was first buried at Arambagh in Agra, later on taken to Kabul for burial
a) Babur
b) Humayun
c) Akbar
d) Aurangazeb

PHYSICS
16. Energy posses by a body in motion is called
a) Kinetic Energy
b) Potential Energy
c) Both of above
d) none of above
17. In which of the following the speed of sound will be maximum?
a) water
b) steel
c) air
d) vacuum
18. Who discovered that white light consists of seven colours, first of all?
a) Newton
b) Huygen
c) Maxwell
d) Raman
19. Which of the following statements is true?
a) The sound and the light waves are both longitudinal waves
b) Both the sound and the light waves are transverse waves
c) In air the sound waves are transverse and the light waves are longitudinal
d) In air the sound waves are longitudinal and the light waves are transverse
20. The nearest planet to the earth is
a) Venus
b) Mercury
c) Mars
d) Jupiter

## CHEMISTRY

21. Which one among the following is called "philosopher's" wool?
a) Zinc bromide
b) Zinc nitrate
c) Zinc oxide
d) Zinc chloride
22. Which one of the following metals doesnot form amalgams?
a) Zinc
b) Copper
c) Magnesium
d) Iron
23. A change in which one or more new substances are formed is called.
a) Physical change
b) Chemical change
c) Both of them
d) None
24. Salts of which of the following elements provide colours to fireworks?
a) Zinc and sulphur
b) Potassium and mercury
$\begin{array}{ll}\text { c) Strontium and barium } & \text { D) Chromium and nickel }\end{array}$
25. An aqueous solution of copper sulphate is acidic in nature because the salt undergoes.
a) Dialysis
b) Electrolysis
c) Hydrolysis
d) photolysis

COMPUTER SCIENCE
26. A menu contains a list of
a) commands
b) data
c) objects
d) reports
27. Underline text, such as text and folder names, is referred to as $a(n)$ :
a) icon
b) hyperlink
c) menu
d) source drive
28. To take information from one source and bring it to your computer is referred to as
a) upload
b) download
c) transfer
d) de-link
29. $\qquad$ is the most popular Internet activity.
a) Art
b) Shopping
c) Searching
d) Entertainment
30. An output device that lets you see what the computer is doing is called a
a) disk drive
b) monitor screen
c) shift key
d) Printer

## CURRENT AFFAIRS

31. States now has Asia's first cycle highway?
a) Rajasthan
b) Utter Pradesh
c) Maharashtra
d) Gujarat
32. Qamarjavedbajwa was appointed as the new army chief of which of the following country?
a) Pakistan
b) Afghanistan
c) Maldives
d) Bangaladesh
33. The $50^{\text {th }}$ anniversary of the UNCITRAL has been hosted by which country?
a) Malaysia
b) Singapore
c) Germany
d) India
34. Anandyadav, who passed away recently, was the author of which language?
a) Bengali
b) Assamese
c) Marathi
d) Kannada
35. Which indian snooker has won bronze at IBSF world snooker championship 2016 ?
a) Manan Chandra
b) Aditya Mehta
c) Pankajadvani
d) Geetsethi

## NUMERICAL ABILITY AND TEST OF REASONING

36. A man buys a cycle for Rs. 1400 and sells it at a loss of $15 \%$. What is the selling price of the cycle?
a) Rs. 1090
b) 1160
c) 1190
d) 1202
37. A starts business with Rs. 3500 and after 5 months, B joins with A as his partner. After a year, the profit is divided in the ratio 2 : 3 . What is B's contribution in the capital?
a) Rs. 7500
b) Rs. 8000
c) Rs. 8500
d) 9000
38. If one-third of one-fourth of a number is 15 , then three-tenth of that number is:
a) 35
b) 36
c) 45
d) 54
39. Find out the wrong number in the given sequence of numbers. $105,85,60,30,0,-45,-90$
a) 0
b) 85
c) -45
d) 60
40. Insert the missing number. $8,24,12,36,18,54,(\ldots)$
a) 27
b) 108
c) 68
d) 72
41. 2, 9, 28, 65, $\qquad$
a) 121
b) 195
c) 126
d) 96
42. Gowtham wants to go to the market. He starts from his home which is in north and comes to the crossing . the road to his left ends in a park and direction is the market?
a) East
b) west
c) North
d) South
43. 'Save' is related to 'rescue' in the same way as 'severe' is related to.
a) endure
b) stern
c) server
d)uneasy
44. Arrange the following words in a logical and meaningful order. 1.window 2.wall 3.Floor 4.Foundation 5.Roof 6.Room
a) $4,5,3,2,1,6$
b) $4,3,5,6,2,1$
c) $4,2,1,5,3,6$
d) $4,1,5,6,2,3$
45. If ' + ' is ' $x$ ', ' - ' is ' + ', ' $x$ ' is $\div$, and ' $\div$ ' is ' - ', then answer the following question based on this information $21 \div 8+2-12 \times 3=$ ?
a) 14
b) 9
c) 13.5
d) 11

## ENGLISH

46. I shall buy $\qquad$ (some / any) apples.
47. The boy sat under the $\qquad$ (shade / shadow) of trees.
48. The teacher observed that the Earth $\qquad$ (moves / moved) round the Sun.
49. The patient $\qquad$ (died / had died) before doctor arrived.
50. He was elected $\qquad$ (as / not used an adverb) President of our society.

## VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST

## GENERAL KNOWLEDGE - V <br> ECONOMICS AND COMMERCE

1. Which arrangements of following would show the correct sequence of demographic transition as typically associated with economic development? ( IAS Prelims GS - I)
1.High birth rate with high death rate 2. Low birth rate with low death rate 3 . High birth rate with low death rate

Select the correct answering the codes given below
A. 1,2\& 3
B. $1,3, \& 2$
C. $3,1 . \& 2$
D. $2,1, \& 3$
2. Appreciation of rupee implies ( IAS Prelims GS - I)
A.The value of a rupee in terms of US dollar increases B.The value of a rupee in terms of US dollar is equal
C.The value of a rupee in terms of US dollar decreases
D.The value of a rupee in terms of US dollar neither increase nor decrease
3. With reference to union budget which of the following is / are covered under non plan expenditure?
( IAS Prelims 2014 GS - I )
$\begin{array}{lll}\text { 1.Defence Expenditure 2.Interest Payments } & \text { 3.Salaries and Pensions } & \text { 4.Subsidies }\end{array}$
Select the correct answer using the code given below
A. 1 only
B. $2 \& 3$ only
C. $1,2,3, \& 4$
D. None
4. Inclusive growth as enunciated in the $11^{\text {th }}$ five year plan does not include which of the following?
A. Reduction of poverty
B. Extension of employment ( IAS Prelims GS - I- 2010)
C.Reduction of gender inequality
D.Strengthening of capital market
5. Consider the following statements
( IAS Prelims GS - I)

1. MGNREGS (Mahatma Gandhi National Employment Guarantee Scheme) aims at enhancing livelihood secirityof household in both rural and urban areas of the country.
2. The primary objectives of Mahatma Gandhi National Rural Employment Guarantee Scheme is to augment wage employment
Which of the statements given above is / are correct?
A.Only 1
B. Only 2
C. Both $1 \& 2$
D. Neither 1 nor 2
3. Which of the following is not a form of economic integration in the context of intra-regional trade?
A. Customs Union
B. European Union
C. Economic Union
D. African Union
4. A concept in retailing that helps explain the emergence of new retailers is called the $\qquad$ hypothesis.
A. Product life cycle
B. Service assortment
C. Retail life cycle
D. 'Wheel-of-retailing'
5. There is acute shortage of electricity in some of the states in India. This reflects a problem in which type of business environment? A. Economic B. Demographic
6. Which one is not a feature of budgetary control?
A. A tool for management control. B. An instrument of delegation and authority.
C. An instrument for evaluating the overall performance. D. A statement of budget and forecasts.
7. A rectangular hyperbola shaped demand curve on all its points has
A.Equal slopes and equal point elasticities.
B. Unequal slopes and unequal point elasticities.
C.Unequal slopes and equal point elasticities.
D. Equal slopes and unequal point elasticities.

## HISTORY

11. Which one of the following were the liquid measurements used by the imperial Cholas?
a) Ma, Kuzhi
b) Kalanju, Madai
c) Nali, Uri
d) Tuni, Padakku
12. Match the following temple with place and choose the correct answer from the codes given below:

## List - I

a) Monolithic Rathas
b) Kailasanatha Temple
c) Virattaneswara Temple
d) Parasuramesvara Temple

## Codes:

|  | A | B | C | D |  | A | B | C | D |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| a) | 4 | 3 | 1 | 2 | b) | 3 | 4 | 1 | 2 |
| c) | 1 | 3 | 2 | 4 | d) | 4 | 2 | 1 | 3 |

13. Who is popularly known as "Gangaikonda Cholan"? a)Paranthaka I b) Rajaraja I c) Rajaraja II d) Rajendra I
14. The founder of imperial Cholas was a) Aditya
b) Vijayalaya Chola c) Rajarja I d) Rajendra I
b) Rajendra I
c) Rajathirajan I
d) Kulothunga I

## PHYSICS

16. Which one among the following radiations carries maximum energy?
a) Gamma rays
b) X-rays
c) Infra red rays
d) Ultraviolet rays
17. Which instrument is used to measure depth of ocean?
a) Galvanometer
b) Flux meter
c) Endoscope
d) Fathometer
18. Solar cells are made up of $\begin{array}{llll}\text { a) Germanium } & \text { b) Helium } & \text { c) both Silicon and Germanium d) Silicon }\end{array}$
19. The sound energy is converted into electrical energy a) Microphone b) Battery c) Electric current d) Amplifier
20. Match the following.
i) Range of Audio frequency -50 Hz
ii) Range of Ac frequency - kilo Hz
iii) Range of Radio frequency - mega Hz
iv) Range of TV frequency -20 Hz
a) 4312
b) 2314
c) $4123 \quad$ d) 1234

CHEMISTRY
21. Bio-technologically synthesized vitamin $B 12$ is used to cure _ ?
(A) Anaemia,
(B) Tuberculosis,
(C) Pernicious anaemia,
(D) Cancer
22. Antibiotics are chemical substances derived from microbes like _?
(A) Fungi, Algae,
(B) Fungi, Bacteria,
(C) Fungi, Virus,
(D) Bacteria, Algae
23. Gene therapy is the means to treat or even cure genetic and acquired diseases like _?
(A) Cancer,
(B) Smallpox,
(C) Swine - flu,
(D) Common cold
24. Bio-chips will be useful in ${ }_{-}$?
(A) Defence, Medicine,
(B) Theatre, Medicine,
(C) Defense, Air Force,
(D) Navy, Medicine
25. Biological signals are converted into electrical signal by _ ? (A) sensor (B) scanner (C) allele (D) gene BIOLOGY
26. Which of the following have coral reefs? (Civils Preliminary - 2014).
a. Andaman and Nicobar Islands
b. Gulf of Kachchh
c. Gulf of Mannar
d. Sunderbans

Select the correct answer using the code given below.
(a) a, b and c only
(b) b and d only
(c) a and c only
(d) a, b, c and d
27. The most important strategy for the conservation of biodiversity together with traditional human life is the establishment of (Civils Preliminary -2014).
a. Biosphere reserves
b. Botanical gardens
c. National parks
d. Wildlife sanctuaries
28. What are the benefits of implementing the "Integrated watershed development Programme (IWMP)"?
a. Prevention of soil runoff
b. Linking the country's perennial rivers with seasonal rivers
c. Rain water harvesting and recharge and groundwater table
d. Regeneration of natural vegetation
29. Among the following organisms, which one does not belong to the class of other three? (Civils Preliminary - 2014).
a) Crab
b) Mite
c) Scorpion
d) Spider
30. With reference to Bombay Natural History Society (BNHS), consider the following statements:
a) It is autonomous organization under the ministry of Environment and Forests
b) It strives to conserve nature through action-based research, education and public awareness
c) It organizes and conducts nature trails and camps for the general public Select the correct answer using the code given below.
a) a and c only
b) b only
c) b and conly
d) a, b and c

## SPORTS

31. What is the full form of IAAF?
a) International Amateur Athletics Federation
c) Indian Association of Athletics and Field events
32. Who was the first athlete to be awarded Padma Shri?
a) G. S. Randhawa
b) Milkha Singh
c) P. T. Usha
d) V. S. Chauhan
33. With which game is 'Caddy' associated? a) Billiards b) Bridge
c) Golf d) Snooker
34. Which of the following is the highest award in sports in the world?
a) Arjuna Award
b) Jesse Owens Award
c) Olympic Order
d) Dronacharya Award
35. When is national sports day of India celebrated? a) April 6 b) August 29 c) September 14 d) October 11

NUMERICAL ABILITY AND REASONING
36. If $\frac{a}{b}=\frac{4}{3}$, then the value of $\frac{6 a+4 b}{6 a-5 b}$ is $\begin{array}{lllll}\text { a) }-1 & \text { b) } 3 & \text { c) } 4 & \text { d) } 5\end{array}$
37. The Average of four consecutive even numbers is 27 .Find the largest of these numbers. a) $24 \quad$ b) $30 \quad$ c) $32 \quad$ d) 12
38. The Average of all prime numbers between 30 and 50 is $\begin{array}{lllll}\text { a) } 42 & \text { b) } 35.2 & \text { c) } 37.4 & \text { d) } 39.8\end{array}$
39. If $A: B=3: 4$ and $B: C=8: 9$. Then the value of $A: C$ is $\begin{array}{lllll}\text { a) } 3: 2 & \text { b) } 4: 5 & \text { c) } 5: 4 & \text { d) } 2: 3\end{array}$
40. Find the odd man out: $2,4,5,6,8 \quad$ a) $2 \quad$ b) $6 \quad 1 \quad$ c) $5 \quad$ d) 8
41. Find out the missing numbers: $122864140 \quad$ ? $\quad$ a) $196 \quad$ b) $296 \quad$ c) $280 \quad$ d) 320
42. Showing the lady in the park, Ramesh said;"She is the daughter of my grand father's only son." How is Ramesh related to that lady? $\begin{array}{llll}\text { a) Brother } & \text { b) Cousin Father } & \text { d)Uncle }\end{array}$
43. A man goes towards East five kilometer, then he takes a turn to South-West and goes five kilometre. He again takes a turn towards North-West and goes five kilometer with respect to the point from where he started, where is he now? a) At the starting point b)In the West c)In the East d) North
44. Contamination : Food :: Infection :? a) Germs $\quad$ b) Diseases $\quad$ c) Body $\quad$ d) medicines
45. Today is Thursday .The day after 59 days will be: a) Sunday b) Monday c) Tuesday d) Wednesday ENGLISH
Errors in use of Punctuation (Correct the errors)
46. It is rainy windy cold day.
47. Keats who lived in UK wrote many poems.
48. Who will do this job? Sam, Suresh, Kaliyappan or Mohan.
49. Agarwal gets up at 4 am
50. What is your name.

## VIVEKANANDA COLLEGE, TIRUVEDAKAM WEST

## GENERAL KNOWLEDGE - VI <br> ECONOMICS AND COMMERCE

25-02-2017

1. TRYSEM is a programme of
a)Rural development
b) Industrial development
2. Which is not a Kharif Crop?
a) Jowar
b) Maize
c) Groundnut
d) Wheat
3. The union budget for 2017-2018 was present by
a) Monmohan Singh
b) P. Chidambaram
c) Yashwant Sinha
d) Arun Jaitley
4. Which of the following is the basic characteristic of Oligopoly?
a) a few sellers, one buyer
b) a few sellers, many buyers
c) a few sellers, a few buyers
d) many sellers, a few buyers
5. Which of the following taxes is a progressive tax?
a) Income tax
b) Custom tax
c) Sales tax
d) Excise duty
6. Flow of foreign loans and investments affect
A. Trade balance
B. Current Account balance
C. Capital Account balance
D. None of the above
7. Who is Chairman of 13th Finance Commission?
A. Dr. C. Rangarajan
B. Mr. Vimaljalan
C. Dr. Vijay C. Kelkar
D. None of the above
8. From the following identify the one which is not a commercial counter trade?
A. Classical barter
B. Counter purchase
C. Pre-compensation
D. Buy-back agreement
9. The appropriate ratio for indicating liquidity crisis is
A. Operating ratio
B. Sales turnover ratio
C. Current ratio
D. Acid test ratio
10. The apex consumer court in India is referred to as
A. The Consumer Education and Research Centre
B. The Consumer Unity and Trust Society
C. National Consumer Disputes Redressal Commission
D. None of the above

HISTORY
11. To condemn the Jalian Wallabag Massacre, Rabindranath Tagore renounced his $\qquad$
a) Nobel Prize
b) Night hood
c) Sakithya Academy
d) Bharatha Rathna
12. When did the Khilafath movement started?
a) 1919
b) 1920
c) 1921
d) 1922
13. In which year Gandhi Irwin Pact was signed?
a) 1929
b) 1930
c) 1931
d) 1932
14. When did Nethaji Subash Chandra Bose start Indian National Army?
a) 1912
b) 1922
c) 1932
d) 1942
15. Who is known as Indian Bismarck and Iron man of India?
a) Sardar Patel
b) Gandhiji
c) Nehru
d) Jinna

## PHYSICS

16. Ohm's law is a relationship between
a) voltage, current, and time
b) power, current, and resistance
c) resistance, time, and current
d) voltage, current, and resistance
17. What is the resistor value in the given circuit?
a) $200 \Omega$
b) $1 \mathrm{k} \Omega$
c) $2 \mathrm{k} \Omega$
d) $4 \mathrm{k} \Omega$
18. Who discovered the neutron?
a) J.J. Thomson
b) Ernest Rutherford
c) James Chadwick
d) Einstein
19. RADAR is used for
a) locating submerged submarines b) receiving a signals in a radio receiver
c) locating geostationary satellites d) detecting and locating the position of objects such as aeroplanes
20. Of the following properties of a wave, the one that is independent of the other is its
a) amplitude
b) velocity
c) wavelength
d) frequency

## CHEMISTRY

21. Which drug posses the property of inducing sleep?
(a) Luminal
(b) Brometone
(c) Vitalin
(d) None of these
22. Fluorides is used as toothpaste in the form of
(a) NaF
(b) CaF
(c) LiF
(d) HF
23. $\qquad$ is an antifreeze in automobile radiators.
24. Morphine is $\qquad$
(a) Antibiotic
(b) Anasthetic
(c) Analgesics
(d) Antipyretic
25. The enamel teeth is formed by $\qquad$

## COMPUTER SCIENCE

31. Blue tooth technology allows:
(A) Landline phone to mobile phone communication
(B) Wireless communication between equipments
(C) Signal transmission on mobile phones only
(D) Satellite television communication
32. "The fathers of the Internet" is
A) Vint Cerf
B) Dennis Ritchie
C) Steve Case
D) Robert Khan
33. Which one of the following is different from other members ?
(A) Google
(B) Windows
(C) Linux
(D) Mac
34. Yahoo was developed by:
(A) Dennis Ritchie
(B) Vint Cerf
(C) David Filo and Jerry Yang
(D) Steve Case
35. What is the storage area for email messages called?
(A) folder
(B) directory
(C) mailbox
(D) hard disk

## SPORTS

36. The "Pommel Horse" is term associated with the game
a) Chess
b) Tennis
c) Badminton
d) Gymnastics
37. The Dronacharya Award for sports coaches was instituted in the year
a) 1984
b) 1985
c) 1987
d) 1988
38. Durbey Cup associated with the Game
a) Polo
b) Horse Race
c) Golf
d) Formula one
39. One of the famous Indian sportsperson released his/her autobiography - 'Playing to Win' in November 12. Name the sportsperson correctly.
a) SainaNehwal
b) Mary Kom
c) Yuvraj Singh
d) Sachin Tendulkar
40. Jaspal Rana is a distinguished athlete in which of the following games?
a) Swimming
b)Weightlifting
c) Shooting
d) Archery

## NUMERICAL ABILITY AND REASONING

41. Find the least value of $*$ for which $5967 * 13$ is divisible by 3
a) 1
b)2
c) 3
d) 4
42. Two numbers are in the ratio of $15: 11$. If their H.C.F is 13 ,find the numbers.
a) 195 and 143
b) 190 and 143
c) 190 and 143
d) none of these
43. The average weight of $A, B, C$ is 45 kg . If the average weight of $A$ and $B$ be 40 kg and that of $B$ and $C$ be 43 kg , find the weight of $B$.
a) 30
b) 21
c) 31
d) 41
44. In an examination, 35\% of total students failed in Hindi, $45 \%$ failed in English and $20 \%$ in both . Find the percentage of these who passed in both the subjects
a) $10 \%$
b) $20 \%$
c) $30 \%$
d) $40 \%$
45. A man boys an article for 27.50 and sells it for Rs 28.60 .find his gain percent
a) $2 \%$
b) $3 \%$
c) $4 \%$
d) $5 \%$
