SPECIAL BRANCH ASSISTANT POLICE SOLVED PAPER

EXAM DATE:26-10-2013

**1.Arun buys an article for Rs.1,00,000 and sells it to Arjun at 20% profit which Arjun sells to Amar at 15 % profit.If Amar sells it to Arya at 10% loss,for how much does Amar seel the article to Arya?**

A.Rs.90,000

B.Rs.1,24,000

C.Rs .1,15,000

**D.Rs.1,24,200**

Ans:D

**2.The average height of a group of five students was 165 cm.One student of height 160 cm left the group.After two years,the height of the remaining students increase by 2 cm,3 cm,2 cm and 4 cm.The new mean height is**

A.135.2 cm

**B.169 cm**

C.169.5 cm

D.160 cm

Ans:B

**3.The volume of the largest cone that can be carved out of a cylinder of base radius 6 cm and height 14 cm is**

**A.528 sqcm**

B.1584 sqcm

C.792 sqcm

D.198 sqcm

Ans:A

**4.In a journey of 300 km, a train slowed down its speed by 50km/hr due to bad weather and took one hour more to complete the journey.The original speed of the train was**

A.100 Km/hr

B.125 Km/hr

C.200 Km/hr

**D.150 Km/hr**

Ans:D

**5.An old man goes to market at a speed of 4Km/hr and returns along the same way at a speed of 2 Kmhr.His average speed is**

A.3 Km/hr

B.3/8

**C.8/3 Km/hr**

D.Square root of 8 Km/hr

Ans:C

**6.Two taps can fill a tank in 10 and 12 minutes respectively and  a third tap can empty it in 15 minutes.If all the three taps are opened at the same time,in how much time the tank will be filled?**

A.7/60 minutes

B.30/7 minutes

**C.60/7 minutes**

D.7/30 Minutes

Ans:C

**7.The product of two prime numbers is 35.Their LCM is**

A.7

B.5

**C.35**

D.1

Ans:C

**8.54,45 and 33 litres of milk are to be measured.What should be the capacity of the measuring jar which will do this in minimum time?**

**A.3 litres**

B.1 litre

C.9 litre

D.11 litres

Ans:A

**9.The value of 1/(3 x 5)+1/(5 x 7)+1/(7 x 9)+1/(9 x 11) is**

A.4/99

B.4/11

C.1/45

**D.4/33**

Ans:D

**10.In a mixture of 60 litres,the ratio of apple juice to water is 2:13.The amount of apple juice to be added to this mixture to make the ratio 1:2 is**

A.23 litres

**B.18 litres**

C.13 litres

D.8 litres
Ans:B

**11.Find the odd man out in the sequence 396,462,572,427,671,264**

A.396

**B.427**

C.371

D.264

Ans:B

**12.A tank can be filled in 10 hours but it takes 12 hours due to a leak in its bottom.If the tank is full,then the time that the leak will take to empty it is**

A.45

**B.60**

C.72

D.75

Ans:B

**13.At a party,everybody shakes hands with each other once.There  are 45 handshakes.How many people are there at the party?**

A.9

**B.10**

C.11

D.12

Ans:B

**14.In the following list of numbers ,how many time does 8 come just after 6 when 6 comes just after an odd number?**

**6325687253494236844576842396868**

A.2

B.3

**C.4**

D.5

Ans:C

**15.A student is ranked 15th from right and 10th from left .How many students are there in total?**

A.25

B.23

C.22

**D.24**

Ans:D

**16.Poles:Magnet::?:Battery**

A.Energy

B.Power

**C.Terminals**

D.Cells

Ans:C

**17.Find the missing term from the given alternatives**

**AY,FU,KQ,?,UI**

A.PL

B.OM

**C.PM**

D.MP

Ans:C

**18.If 6 women or 8 girls can do  a work in 85 days.In how many days can 9 women and 5 girls can do the same work?**

A.35 days

**B.40 days**

C.45 days

D.50 days

Ans:B

**19.A certain code,EDUCATION is written as OPJUBDVEF.How is COMPUTERS written in the same code?**

**A.TSFUVQNPD**

B.TSGVUQNDP

C.STFVUPNDQ

D.STGUVPDNQ

Ans:A

**20.If the first day of the year 1991 was Tuesday,what day of the week must have been on 1st January,1998?**

A.Monday

B.Wednesday

C.Tuesday

**D.Thursday**

Ans:D

**21.Flesh eating animals are called**

A.Herbivorous

B.Omnivorous

**C.Carnivorous**

D.Parasites

Ans:C

**22.Water soluble vitamin:**

**A.B**

B.A

C.D

D.K

Ans:A

**23.What is the unit of heat?**

A.Ohm

B.Angsform

**C.Calorie**

D.Newton

Ans:C

**24.What is the full form of LASER?**

A.Radio Detection and Ranging

**B.Light Amplification by Stimulated Emission of Radiation**

C.Sonar Detection and Ranging

D.Microwave Amplification by Stimulated Emission of Radiation

Ans:B

**25.Apparent change in the frequency of sound:**

**A.Doppler effect**

B.Piezoelectric effect

C.Photoelectric effect

D.Bernoulli’s effect

Ans:A

**26.In which state the Kudamgulam nuclear power plants situated?**

A.Andhra Pradesh

B.Maharashtra

C.Goa

**D.Tamil Nadu**

Ans:D

**27.Solar cells are usually made from:**

A.Sulphur

**B.Silicon**

C.Sodium

D.Strontium

Ans:B

**28.Who discovered neutron?**

A.J.J.Thomson

B.Rutherford

**C.James Chadwick**

D.John Dalton

Ans:C

**29.What is the study of poisons called?**

**A.Toxicology**

B.Telecology

C.Ecology

D.Ecology

Ans:A

**30.Which planet is known as red planet?**

A.Venus

B.Jupiter

C.Pluto

**D.Mars**

Ans:D

**31.Who won the 12th Asian Rifle Shooting Championship in Doha in January 2012?**

A.Gagan Narang

B.Rajyavardhan Singh Rathore

**C.Abhinav Bindra**

D.Anjali Bhagavat

Ans:C

**32.Russia became a member of which of the following organization after 18 years of negotiation in 2012?**

**A.WTO**

B.OPEC

C.UN Security

D.G20

Ans:A

**33.In which event Yisling of China took the first Gold Medal in London Olympics 2012?**

A.Archery

B.Badminton

C.Boxing

**D.Air Rifle**

Ans:D

**34.2012 Ramon Magsaysay Award winner Mr.Romulo Davide is from which country?**

A.Cambodia

**B.Philippines**

C.Taiwan

D.Romania

Ans:B

**35.Fifty Seventh National School Athletic Championship 2012 was conducted at which place?**

**A.Ludhiana**

B.Ambala

C.Meerut

D.Jabalpur

Ans:A

**36.India US Education Summit 2012 is conducted at:**

A.Mexico

B.Ontario

C.Columbia

**D.Washington**

Ans:D

**37.Who won the Grammy Lifetime Achievement**

**Award 2012 posthumously along with Pandit Ravi Shankar and Lightin Hopkins?**

**A.Glen Gould**

B.Gail Dolgin

C.Heath Ledger

D.Sydney Pollack

Ans:A

**38.Which US Company became the first commercial outfit to launch its own craft towards the international space station?**

A.Lexmark

B.Blue Origin

**C.Space X**

D.MSNBC

Ans:C

**39.Name the person who got second consecutive term as Vice President in India:**

A.Dr.Sankar Dayal Sharma

**B.Hamid Ansari**

C.Dr.Zakir Hussain

D.R.Venkataraman

Ans:B

**40.Name the political parties in Kerala which abstained from presidential Election 2012:**

A.Communist Party of India and Kerala Congress

**B.Communist Party of India and the Revolutionary Socialist Party**

C.Revolutionary Socialist Party and IUML

D.Revolutionary Socialist Party and NCP

Ans:B

**41.INA came into existence in 1943 in:**

**A.Singapore**

B.Burma

C.India

D.Japan

Ans:A

**42.Whose draft of Quit India Resolution was accepted by the working committee of Congress?**

A.Subhash Chandra Bose

**B.Nehru**

C.Mahatma Gandhi

D.Patel
Ans:B

**43.’Operation Thunderbolt’undertook by the British to arrest the leader of:**

A.Indian National Army

B.Indian National Congress

**C.Quit India Movement**

D.Extremiest Revolutionaries

Ans:C

**44.First Woman President of Indian National Congress:**

A.Sarojini Naidu

**B.Annie Besant**

C.Madam Cama

D.Sucheta Kripalani

Ans:B

**45.Regulating Act introduced in:**

A.1774

B.1775

C.1876

**D.1773**

Ans:D

**46.Dinabandhu Sarvajanik Sabha was founded by:**

**A.Jyothiba Phule**

B.B.R.Ambedkar

C.Ram Mohan Roy

D.Vinobha Bhave
Ans:A

**47.Permanent settlement introduced by:**

A.Lord Dalhousie
**B.Lord Cornwallis**

C.Lord Dufferin

D.Lord Canning

Ans:B

**48.’YOUNG INDIA’as a weekly was first started by:**

A.Congress party

B.Swaraj party

**C.Home rule party**

D.Tilak

Ans:C

**49.’Indian wins freedom’written by:**

A.Subhash Chandra Bose

B.Gandhiji

C.A.P.J.Abdul Kalam

**D.Maulana Abul Kalam Azad**

Ans:D

**50.Bardoli satyagraha took place in which part of India?**

**A.Gujarat**

B.Bihar

C.Poona

D.Calcutta

Ans:A

**51.Name the guru of Bodheswaran:**

A.Gopal Krishna Gokhale

B.Sree Narayana Guru

**C.Chattampi Swamikal**

D.Lord Buddha

Ans:C

**52.In which year Kuriakose Elias Chavara died?**

**A.1871**

B.1873

C.1874

D.1881

Ans:A

**53.Who is known as the Father of Muslim Renaissance?**

A.Abdul Khader

**B.Vakkom Moulavi**

C.Muhammed Ali Jinnah

D.Muhammed Ghori

Ans:B

**54.Name the person who founded the Ananda Maha Sabha:**

A.Swami Dayanand

B.Swami Vivekananda

**C.Brahmananda  Swami Siva Yogi**

D.Swami Vidhya Sagar

Ans:C

**55.Who was the author of the play Adukkalayil Ninnu Arangathekku?**

A.S.K.Pottacadu

B.Rama Nad

C.Taraknath Das

**D.V.T.Bhattathirippad**

Ans:D

**56.Name the person associated with Dharma Yukham?**

A.Swami Vivekanada

**B.Ayya Vaikundar**

C.Jyotiaro Phule

D.Thucaud Ayya

Ans:B

**57.The name associated with Vimochana Samaram?**

A.K.P.S.Menon

**B.Mannathu Padmanabhan**

C.Aurobindo

D.Kirthi Varman

Ans:B

**58.Another name for the Sadhujana Paripalana Sangham:**

**A.Association for the Welfare of the Poor**

B.Association for the Welfare of the Backward

C.Association for the Welfare of the Destitute

D.Association for the Welfare of the Black

Ans:A

**59.In which year Poikayil Johannan was nominated to Sree Moolam Praja Sabha?**
A.1932

**B.1931**

C.1924

D.1927

Ans:B

**60.Who was the founder of the Greator Ezhava Association?**

A.K.Kesavan

B.Sree Narayana Guru

C.K.Kelappan

**D.Dr.Palpu**

Ans:D

**61.According to Article 79 of the Constitution of India,the Parliament consists od:**

A.President of India,Prime Minister,Rajya Sabha and Lok Sabha

B.Rajya Sabha and Lok Sabha

**C.President of India,Rajya Sabha and Lok Sabha**
D.None of the above

Ans:C

**62.The National Human Rights Commission came into being in:**

**A.October 1993**

B.September 1993

C.March 1997

D.September 2007

Ans:A

**63.Right to Education is given under which article of the Indian Constitution?**

A.19

B.20

**C.21**

D.22

Ans:C

**64.The Comptroller and Auditor General of India is appointed by:**

**A.The President of India**

B.The Prime Minister of India

C.The Chief Election Commissioner

D.The Chief Justice of India

Ans:A

**65.The words”SOCIALIST SECULAR”were added to the Preamble of the Indian Constitution by which Constitutional Amendment?**

A.24th

**B.42nd**

C.48th

D.84th

Ans:B

**66.The number of Union Territories in India is:**

A.28.

B.27

**C.7**

D.9

Ans:C

**67.Part IV of the Indian Constitution deals with:**

A.Fundamental Rights

**B.Directive Principles of State Policy**

C.Fundamental Duties

D.Centre State Relations

Ans:B

**68.Name the First Chairperson of Rajya Sabha:**
**A.S.Radhakrishnan**

B.Zakir Hussain

C.V.V.Giri

D.Rajendra Prasad

Ans:A

**69.The National Commission for Wome was set up as a statutory body in the year:**

A.1980

B.1982

**C.1992**

D.2000

Ans:C

**70.Who among the following can seek information under Right to Information Act of 2005?**

A.A group of persons

B.An individual citizen

C.A registered company

**D.All the above**

Ans:D

**71.Which is the right spelling?**

A.Suprandent

**B.Superintendent**

C.Suprand

D.Superentendent

Ans:B

**72.Use the correct phrase:**

**Every citizen should abide……………….the laws of the State.**

A.Union

B.With

**C.By**

D.Up

Ans:C

**73.Change the sentence into passive voice:**

Prepare yourself for the best?

**A.Be ready to prepare for the best**

B.Be prepared for the best

C.You should prepare for the best

D.We should prepare for the best

Ans:B

**74.Change into indirect speech:**

**He said:”Please let me go”**

**A.He requested them to let him go**

B.He said that he should go

C.He wanted to let him go with permission

D.He asked them to release him to go

Ans:A

**75.Fill in the blank with the correct expression:**

**Manufactures often sacrifice quality--------------**

**A.In order to gain more money for business**

B.In place to collect and earn money

C.To collect big amount of money

D.For a large profit margin

Ans:A

**76.Which part of the  sentence is not correct?**

A.There was

**B.A very interesting news**

C.On the television in this

D.Morning about a land slide

Ans:B

**77.Use the correct article:**

**--------------------airport building where journey begin and end is a terminal**

A.The

B.In

**C.An**

D.Of

Ans:C

**78.Use the correct tense of the verb:**

**The Sun ------------------in the East**

**A.Rises**

B.Is raising

C.Have been rising

D.Is being raised

Ans:A

**79.Which is the opposite word of postponed?**

A.Preponed

B.Earlied

C.Depond

**D.Advanced**

Ans:D

**80.Choose the suitable one word for the underlined word”**

**Ravi Varma was a well known Indian painter.**

A.Artistic

B.Naturalistic

C.Multi coloured

**D.Celebrated**

Ans:D

**81.Honey tastes sweet,------------------?**

A.Hasn’t it

**B.Doesn’t it**

C.Didn’t it

D.Isn’t it

Ans:B

**In which part of the sentence(Q.No.82 & 83)is the mistake?**

82.(a)Everyone

**(b)have**

(c)the right

(d)to vote

Ans:B

83.**(a)I have returned**

(b)all the books

(c)to the library

(d)Yesterday

Ans:A

**84.What is the passive from of:Rash driving causes many accidents?**

A.Many accidents were caused by rash driving

**B.Many accidents being caused by rash driving**

C.Many accidents was caused by rash driving

D.Rash driving caused many accidents

Ans:B

**85.Report:”Why are you late”?he asked me**

A.He asked me if I was late

**B.He asked me why I was late?**

C.He asked me if I am late

D.He asked me why are you late

Ans:B

**86.He proved his------------------by facing the situation with tact and confidence**

A.Metal

B.Mind

**C.Mettle**

D.Measure

Ans:C

**87.Age and experience --------------------wisdom to man**

A.Bring

B.Has bring

**C.Brings**

D.Have bring

Ans:C

**88.He searched the room -----------his laptop.**

A.About

**B.For**

C.In

D.Into

Ans:B

**89.The interview will be held between 10.A.M.--------------------1P.M.**

**A.To**

B.Till

C.Upto

D.And

Ans:A

**90.His name is the ---------------in the list**

A.Last

B.Late

C.Lastest

**D.Latest**

Ans:D

**91.Amount of data that can be transferred per unit of time is known as:**

A.Data bus

**B.Bandwidth**

C.Word length

D.Data buffer

Ans:B

**92.Which among the following is not a system software?**

A.Operating System

B.Compiler

C.Utility

**D.Database Software**

Ans:D

**93.Process of loading operating system into the primary memory is known as**

A.Switching

B.Pipelining

**C.Booting**

D.Compiling

Ans:C

**94.Which is not a component of the database?**

A.Field

B.Record

C.File

**D.Buffer**

Ans:D

**95.Primary source of Cyber Law in India is:**

**A.IT Act 2000**

B.IT Act 2003

C.IT Act 2004

D.IT Act 2006

Ans:A

**96.--------------------------is used to authenticate electronic records.**

A.Electric card

B.Electronic mail

C.Electronic commerce

**D.Electronic signature**

Ans:D

**97.Which among the following is an output device?**

A.Digital camera

B.Bar code reader

**C.Plotter**

D.Touch screen

Ans:C

**98.----------------is private computer network owned by a company or an organization and is accessible only to its employees.**

A.lnternet

B.Intranet

**C.Local Area Network**

D.Wide Area Network

Ans:C

**99.An Online discussion group of people who share a common interest”**

A.News group

B.Chat group

C.Software group

**D.Online group**

Ans:D

**100.Which is not a property of the primary memory of a computer**

A.Volatile

B.Limited Capacity

**C.Lower Cost**

D.Fast Access

Ans:C