

General Awareness & General knowledge

1

A computer cannot "boot" if it does not have the _____

(A)

Compiler

(B)

Loader

(C)

Operating system

(D)

Assembler

Answer: (C) Operating system

2

The purest form of iron is

(A)

wrought iron

(B)

steel

(C)

pig iron

(D)

nickel steel

Answer: (A) wrought iron

3

The working principle of a washing machine is

(A)

reverse osmosis

(B)

diffusion

(C)

centrifugation

(D)

dialysis

Answer: (C) centrifugation

4

Which latitude passes through the middle of India

(A)

Equator

(B)

Arctic Circle

(C)

Tropic of Capricorn

(D)

Tropic of Cancer

Answer: (D) Tropic of Cancer

5

Hydrogen bomb is based on the principle of

(A)

nuclear fission

(B)

nuclear fusion

(C)

natural radioactivity

(D)

artificial radioactivity

Answer: (B) nuclear fusion

6

_____ is the process of dividing the disk into tracks and sectors

(A)

Tracking

(B)

Formatting

(C)

Crashing

(D)

Allotting

Answer: (B) Formatting

7

Junk e-mail is also called _____

(A)

Spam

(B)

Spoof

(C)

Sniffer script

(D)

Spool

Answer: (A) Spam

8

The National War Memorial in Delhi was inaugurated on?

(A)

21th February, 2019

(B)

25th February, 2019

(C)

26th February, 2019

(D)

22th February, 2019

Answer: (B) 25th February, 2019

9

First World Pulses Day is observed on

(A)

3rd February

(B)

6th February

(C)

10th February

(D)

12th February

Answer: (C) 10th February

10

Which team wins the 85th Ranji Trophy title in 2019?

(A)

Vidarbha

(B)

Delhi

(C)

Saurashtra

(D)

Tamil Nadu

Answer: (A) Vidarbha

11

Which Team wins the English Premier League champions 2019?

(A)

Manchester United

(B)

Liverpool F.C.

(C)

Arsenal

(D)

Manchester City

Answer: (D) Manchester City

12

Which city hosts the IPL 2019 final match?

(A)

Chennai

(B)

Delhi

(C)

Mumbai

(D)

Hyderabad

Answer: (D) Hyderabad

13

The RBI has decided new Business timing for RTGS. What are the new timings?

(A)

6:00 AM- 6.30 PM

(B)

6:30 AM- 5.00 PM

(C)

7:00 AM – 6.00 PM

(D)

7:30 AM – 6.00 PM

Answer: (C) 7:00 AM – 6.00 PM

14

When was the World Senior Citizen Day observed?

(A)

August 21

(B)

August 31

(C)

August 19

(D)

August 18

Answer: (A) August 21

15

Which among the following countries officially quit UN's educational, scientific & cultural agency recently?

(A)

Israel

(B)

USA

(C)

Cyprus

(D)

Both (Israel) and (USA)

Answer: (D) Both (Israel) and (USA)

16

Among the following the maximum covalent character is shown by the compound

(1) MgCl_2

(2) FeCl₂

(3) SnCl₂

(4) AlCl₃

(A)

(1)

(B)

(2)

(C)

(3)

(D)

(4)

Answer: (D) (4)

17

Who is the newly appointed Prime Minister of Sudan

(A)

Hassanal Bolkiah

(B)

Luc-Adolphe Tiao

(C)

Qohir Rasulzoda

(D)

Abdalla Hamdok

Answer: (D) Abdalla Hamdok

18

This year the Russian government's Pushkin Medal has been awarded to _____ .

(A)

Meeta Narain

(B)

Nirmala Sitharaman

(C)

Devika Chaudhary

(D)

Nalini Singhal

Answer: (A) Meeta Narain

19

Which state has decided to recruit women drivers for government vehicles?

(A)

Kerala

(B)

Tamil Nadu

(C)

Andhra Pradesh

(D)

Telangana

Answer: (A) Kerala

20

Who will be heading the committee formed on “Fit India Movement”?

(A)

Narendra Modi

(B)

Milkha Singh

(C)

Kiren Rijju

(D)

Virat Kohli

Answer: (C) Kiren Rijju

English language

21

We went out _____ the cold weather.

(A)

besides

(B)

although

(C)

However

(D)

despite

Answer: (D) despite

22

_____ is one who initiates the communication.

(A)

receiver

(B)

spectator

(C)

audience

(D)

sender

Answer: (D) sender

23

'Eat' is a _____ syllable stressed word.

(A)

two

(B)

one

(C)

three

(D)

four

Answer: (B) one

24

One should be quick learner and tend to acquire _____ pronunciation.

(A)

good

(B)

bad

(C)

ineffective

(D)

improper

Answer: (A) good

25

Choose the correct statement:

(A)

My aunt who lives in Mumbai is a doctor.

(B)

My aunt, who lives in Mumbai, is a doctor.

(C)

My aunt, who lives in Mumbai is a doctor.

(D)

My aunt who lives in Mumbai, is a doctor.

Answer: (B) My aunt, who lives in Mumbai, is a doctor.

26

It's wet and rainy outside today. You _____ go out without an umbrella.

(A)

shouldn't

(B)

won't

(C)

don't have to

(D)

should

Answer: (A) shouldn't

27

_____ you know where Ram lives?

(A)

does

(B)

do

(C)

should

(D)

have

Answer: (B) do

28

_____ refers to the music of the English language.

(A)

Syllables and stress

(B)

Intonation and stress

(C)

Sounds and symbols

(D)

Accent and sounds

Answer: (B) Intonation and stress

29

_____ builds a strong business and personal relationships.

(A)

Effective Communication

(B)

Vague Communication

(C)

Oral Communication

(D)

Written Communication

Answer: (A) Effective Communication

30

The Diction exercises will help one learn how to _____ clearly.

(A)

write

(B)

speak

(C)

read

(D)

listen

Answer: (B) speak

31

Ragunath Medge is the _____ of Nutan Mumbai Tiffin Box suppliers charity trust.

(A)

Secretary

(B)

Member

(C)

Treasurer

(D)

President

Answer: (D) President

32

Tagore's poetry had inspiration from traditional vaishnava folk and was often _____.

(A)

metaphysical

(B)

contemporary

(C)

idealistic

(D)

deeply mystical

Answer: (D) deeply mystical

33

Madam Loisel was _____ at the party organized by the Ministry of Education

(A)

a complete success

(B)

a complete failure

(C)

lovely person

(D)

lovable character

Answer: (A) a complete success

34

Wait a minute, I _____ this box for you.

(A)

carry

(B)

will carry

(C)

carried

(D)

was carrying

Answer: (B) will carry

35

Change into passive: The salt-water corroded the metal beams. The metal beams _____ by the salt-water.

(A)

was corroded

(B)

corroded

(C)

has corroded

(D)

were corroded

Answer: (D) were corroded

36

Successful communication takes place when the receiver _____ interprets the sender's message.

(A)

wrongly

(B)

ironically

(C)

correctly

(D)

actively

Answer: (C) correctly

37

_____ refers to the emphasis laid on specific syllables of a word or a specific word in a sentence.

(A)

Syllables

(B)

Phonemes

(C)

Stress

(D)

Letters

Answer: (C) Stress

38

Intonation is the first step to be perceived by ear rather than the _____ of an utterance.

(A)

oral content

(B)

verbal content

(C)

speech

(D)

monologue

Answer: (B) verbal content

39

They built this temple 3,000 years ago. This must _____ a great civilization.

(A)

not have been

(B)

was

(C)

has been

(D)

have been

Answer: (D) have been

40

This must not happen again, _____ you will be dismissed.

(A)

or

(B)

but

(C)

and

(D)

so

Answer: (A) or

Numerical aptitude

41

Average of five numbers is 20. If each number is multiplied by 2, what will be the new average?

(A)

30

(B)

40

(C)

50

(D)

60

Answer: (B) 40

42

A man complete a journey in 10 hours. He travels first half of the journey at the rate of 21 km/hr and second half at the rate of 24 km/hr. Find the total journey in km.

(A)

220 km

(B)

224 km

(C)

230 km

(D)

234 km

Answer: (B) 224 km

43

Find the number of three-digit numbers which are divisible by 6.

(A)

150

(B)

130

(C)

120

(D)

110

Answer: (A) 150

44

An experiment succeeds twice as often as it fails. Find the probability that in 4 trials there will be at least three successes

(A)

$\frac{4}{27}$

(B)

$\frac{8}{27}$

(C)

24/27

(D)

16/27

Answer: (D) 16/27

45

How many three digit numbers are divisible by 6 in all?

(A)

151

(B)

149

(C)

166

(D)

150

Answer: (D) 150

46

The number of digits of the smallest number, which when multiplied by 7 gives the result consisting entirely of nines, is:

(A)

3

(B)

8

(C)

6

(D)

5

Answer: (C) 6

47

Which one of the following is a prime number?

(A)

373

(B)

221

(C)

161

(D)

437

Answer: (A) 373

48

If the number $97215 * 6$ is completely divisible by 11, then the smallest whole number in place of * will be:

(A)

3

(B)

2

(C)

1

(D)

5

Answer: (A) 3

49

If 20% of $a = b$, then $b\%$ of 20 is the same as:

(A)

4% of a

(B)

6% of a

(C)

8% of a

(D)

10% of a

Answer: (A) 4% of a

50

A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:

(A)

Rs. 650

(B)

Rs. 690

(C)

Rs. 698

(D)

Rs. 700

Answer: (C) Rs. 698

51

What will be the compound interest on a sum of Rs. 25,000 after 3 years at the rate of 12 p.c.p.a.?

(A)

Rs. 9000.30

(B)

Rs. 9720

(C)

Rs. 10123.20

(D)

Rs. 10483.20

Answer: (C) Rs. 10123.20

52

How many times the hands of a clock coincide in a day?

(A)

24

(B)

22

(C)

23

(D)

21

Answer: (B) 22

53

A train moving at 50 km/hr crosses a bridge in 45 seconds. The length of train is 150 meters. Find the length of the bridge.

(A)

525 m

(B)

545 m

(C)

575 m

(D)

500 m

Answer: (C) 575 m

54

At what rate of compound interest per annum will a sum of Rs. 1200 become Rs. 1348.32 in 2 years?

(A)

6%

(B)

0.065

(C)

0.07

(D)

0.075

Answer: (A) 6%

55

Given that $1+2+3+..+9 = 45$, find the value of $(11+12+13+..+19)$.

(A)

125

(B)

130

(C)

135

(D)

140

Answer: (C) 135

56

A, B, C subscribe Rs. 50,000 for a business. A subscribes Rs. 4000 more than B and B Rs. 5000 more than C. Out of a total profit of Rs. 35,000, A receives:

(A)

Rs. 8400

(B)

Rs. 11,900

(C)

Rs. 13,600

(D)

Rs. 14,700

Answer: (D) Rs. 14,700

57

Tea worth of Rs. 135/kg & Rs. 126/kg are mixed with a third variety in the ratio 1: 1 :

2. If the mixture is worth Rs. 153 per kg, the price of the third variety per kg will be ____?

(A)

Rs. 175.50

(B)

Rs.1700

(C)

Rs. 180

(D)

Rs. 169.50

Answer: (A) Rs. 175.50

58

Let S be the set of all real numbers. Then the relation $R = \{(a, b) : 1 + ab > 0\}$ on S is

(A)

Reflexive and transitive but not symmetric

(B)

Symmetric, transitive but not reflexive

(C)

Reflexive and symmetric but not transitive

(D)

Reflexive, transitive and symmetric

Answer: (C) Reflexive and symmetric but not transitive

59

Two trains are running in opposite directions with the same speed. If the length of each train is 120 metres and they cross each other in 12 seconds, then the speed of each train (in km/hr) is:

(A)

10

(B)

18

(C)

36

(D)

72

Answer: (C) 36

60

A bag contains 6 white and 4 black balls .2 balls are drawn at random. Find the probability that they are of same colour.

(A)

$\frac{1}{2}$

(B)

$\frac{7}{15}$

(C)

8/15

(D)

1/9

Answer: (B) 7/15

Food Science & Food Safety

61

BIS stands for?

(A)

Bureau of Indian Standards

(B)

British International Standards

(C)

Bureau of Standards Association

(D)

British Association Standards

Answer: (A) Bureau of Indian Standards

62

ISO 9001 has how many clauses?

(A)

5

(B)

6

(C)

9

(D)

8

Answer: (D) 8

63

Recall procedure applied for?

(A)

Product manufacturing

(B)

Raw material intake

(C)

Finished product with safety issues

(D)

Quality check

Answer: (C) Finished product with safety issues

64

In codex how many General subject committees are there?

(A)

10

(B)

5

(C)

6

(D)

20

Answer: (C) 6

65

In Codex Horizontal committees are also called?

(A)

Vertical committees

(B)

Quality Check

(C)

FSM

(D)

General subject committees

Answer: (D) General subject committees

66

A person by whom the business is carried on or owned and is responsible for ensuring the compliance is?

(A)

FSM

(B)

FBO

(C)

PRP

(D)

PRO

Answer: (B) FBO

67

Traceability of goods done with help of?

(A)

Numbering the products

(B)

Batch code

(C)

Barcode system & Batch code records

(D)

Document record

Answer: (C) Barcode system & Batch code records

68

Safety protective gear to wear during entry into manufacturing is part of?

(A)

CCP

(B)

GMP

(C)

GAP

(D)

FIFO

Answer: (B) GMP

69

Records help maintain?

(A)

Deviation in the process

(B)

Nutritional information

(C)

Control chart

(D)

CCP critical limit list

Answer: (A) Deviation in the process

70

HACCP means

(A)

Hazard advancement control critical point

(B)

Hazard analytical critical control parameter

(C)

Hazard analysis critical control point

(D)

Hazard advancement control critical parameter

Answer: (C) Hazard analysis critical control point

71

Which of the given reasons, is NOT a valid reason for packaging of food items?

(A)

security and portion control

(B)

marketing and convenience

(C)

protection and information transmission

(D)

none

Answer: (D) none

72

The dough, in refrigerated dough making is stacked and packed in

(A)

air-tight container

(B)

dough tight container

(C)

air-tight & dough tight container

(D)

none of the mentioned

Answer: (B) dough tight container

73

Oil/Lemon/Vinegar + Spices applied to meat is called

(A)

marinating

(B)

emulsifying

(C)

fermenting

(D)

coating

Answer: (A) marinating

74

Without which of the given steps, would ice cream be an inedible hard frozen mass?

(A)

freezing

(B)

whipping with air

(C)

hardening of ice cream

(D)

all of the mentioned

Answer: (B) whipping with air

75

Bacteria and yeast can

(A)

grow with or without air

(B)

need humid/warm conditions to grow

(C)

need more moisture than molds

(D)

all the mentioned statements can be used to fill the blanks

Answer: (D) all the mentioned statements can be used to fill the blanks

76

With the increase in temperature, the holding time of the dough for cooling needs to be

(A)

increased

(B)

decreased

(C)

kept constant

(D)

none of the mentioned

Answer: (A) increased

77

Modification of carbon dioxide and oxygen levels for storage is worth it only if

(A)

the fruit/vegetable is more commercial than its storage in air

(B)

storage time is brief

(C)

storage temperature is optimal

(D)

all of the mentioned

Answer: (A) the fruit/vegetable is more commercial than its storage in air

78

Which of the following is NOT the correct method to enhance storage?

- (A)
reducing pressure
- (B)
increasing ethylene
- (C)
decreasing respiration
- (D)
none of the mentioned

Answer: (B) increasing ethylene

79

Which of the following statements is true?

- (A)
polyethylene films have a good heat- sealability
- (B)
polyvinylidene chloride films are gas and water vapor impermeable
- (C)
nylon films have high physical strength
- (D)
all of the mentioned

Answer: (D) all of the mentioned

80

Coated meat products require

- (A)
breading
- (B)
pre-dusting
- (C)
battering
- (D)

all three are methods of making coated meat products

Answer: (D) all three are methods of making coated meat products

81

Which material is present above the upper critical temperature line in an iron carbon phase diagram?

(A)

martensite

(B)

pearlite

(C)

ledeburite

(D)

austenite

Answer: (D) austenite

82

Which of the following is not a type of annealing?

(A)

spherodizing

(B)

tempering

(C)

full annealing

(D)

stress-relief annealing

Answer: (B) tempering

83

"Statement 1: Nuts can be classified as high- fat, high-protein and high-carbohydrate.

Statement 2: Cashew nuts come under the high-carbohydrate category."

(A)

true, false

(B)

true, true

(C)

false, false

(D)

false, true

Answer: (A) true, false

84

Which of the following holds true for Pulsed Electric field?

(A)

it has been successful in pasteurizing milk, yogurt, soup etc

(B)

if there are no air bubbles present or the if food has low electrical conductivity, pef is non-applicable

(C)

it's a continuous process. it cannot be applied for non-pump able solid food products

(D)

all of the mentioned

Answer: (D) all of the mentioned

85

"Statement 1: Coconuts and certain citrus fruits can be easily handled and shipped.

Statement 2: Post harvest loss is non-existent."

(A)

true, false

(B)

true, true

(C)

false, false

(D)

false, true

Answer: (A) true, false

86

This nutrient is needed for a healthy immune system and strong connective tissue:

(A)

Fiber

(B)

Vitamin K

(C)

Vitamin C

(D)

Fluoride

Answer: (C) Vitamin C

87

What food doesn't belong to this food group?

(A)

Noodles

(B)

Crackers

(C)

Macaroni

(D)

Scallion

Answer: (D) Scallion

88

What food doesn't belong to this food group?

(A)

Cookies

(B)

Candy

(C)

Sald Dressing

(D)

Cherries

Answer: (D) Cherries

89

Which of the following nutrients is needed for a healthy immune system?

(A)

Calcium

(B)

Iodine

(C)

Vitamin K

(D)

Vitamin C

Answer: (D) Vitamin C

90

Which of the following beverages has no fat, sugar, or oils?

(A)

milk

(B)

root beer

(C)

coffee with cream

(D)

iced tea unsweetened

Answer: (D) iced tea unsweetened

91

What food doesn't belong to this food group?

(A)

chocolate milk

(B)

cream cheese

(C)

ice cream

(D)

salad dressing

Answer: (D) salad dressing

92

Eggs, milk, and meat are usually classified as good sources of

(A)

carbohydrates

(B)

Vitamin A

(C)

protein

(D)

Vitamin D

Answer: (C) protein

93

Which of the following has the highest calorific value?

(A)

Carbohydrates

(B)

Fats

(C)

Proteins

(D)

Vitamins

Answer: (B) Fats

94

Milk, cheese and eggs are the sources of

(A)

Vitamin C and A

(B)

Vitamin A and D

(C)

Vitamin C and D

(D)

Vitamin B and C

Answer: (B) Vitamin A and D

95

Which of the following is considered an easily digestible source of protein?

(A)

Egg albumin

(B)

Soyabean

(C)

Fish flesh

(D)

Red meat

Answer: (B) Soyabean

96

Consider the following statements:

1. Brinjal is a good source of iron.

2. Pumpkin is a good source of Vitamin A.

Which of the statements given above is / are correct?

(A)

1 only

(B)

2 only

(C)

Both 1 and 2

(D)

Neither 1 nor 2

Answer: (C) Both 1 and 2

97

Sweetex used by the diabetic patients has energy content of -

(A)

Five calories

(B)

Ten calories

(C)

Hundred calories

(D)

Zero calorie

Answer: (D) Zero calorie

98

Which of the following food items is rich in iron?

(A)

Rice

(B)

Apple

(C)

Pulses

(D)

Orange

Answer: (C) Pulses

99

Which of the following is considered a complete protein food?

(A)

Almond

(B)

Horse gram

(C)

Soya bean

(D)

Cashew nut

Answer: (C) Soya bean

100

Which one among the following elements/ions is essential in small quantities for development of healthy teeth but causes mottling of the teeth if consumed in higher quantities?

(A)

Iron

(B)

Chloride

(C)

Fluoride

(D)

Potassium

Answer: (C) Fluoride

101

Which one among the following minerals is essential for the transmission of nerve impulses in the nerve fibres of human body?

(A)

Calcium

(B)

Cobalt

(C)

Iodine

(D)

Sodium

Answer: (D) Sodium

102

Which one of the following mineral elements is required for muscle contraction?

(A)

Calcium

(B)

Iron

(C)

Vitamin C

(D)

Fluoride

Answer: (A) Calcium

103

This nutrient is most important for healthy vision:

(A)

Vitamin K

(B)

Iron

(C)

Calcium

(D)

Vitamin A

Answer: (D) Vitamin A

104

The important role of carotenoids in the human diet is their ability to serve as precursors of

(A)

Vitamin A

(B)

Vitamin D

(C)

Vitamin C

(D)

Vitamin K

Answer: (A) Vitamin A

105

Which of the following carbohydrates is not classified as dietary fiber?

(A)

Agar

(B)

Pectin

(C)

Sodium alginate

(D)

Tapioca starch

Answer: (D) Tapioca starch

106

Which of the following statements are true regarding Staphylococcus food poisoning

(A)

is an enterotoxin

(B)

causes gastroenteritis

(C)

is produced by Staphylococcus aureus

(D)

all of the mentioned

Answer: (D) all of the mentioned

107

The major carrier of salmonellosis are

(A)

meat and eggs

(B)

meat and fish

(C)

eggs and fish

(D)

eggs and fruits

Answer: (A) meat and eggs

108

How many principles are there in food preservation to keep food safe and stable

(A)

4

(B)

5

(C)

3

(D)

6

Answer: (C) 3

109

Nisin is used as:

(A)

Antimicrobial agent

(B)

Emulsifier

(C)

Stabilizer

(D)

Sweetner

Answer: (A) Antimicrobial agent

110

Frozen storage is generally operated at temperature of:

(A)

-0°C

(B)

-18°C

(C)

-50°C

(D)

-60°C

Answer: (B) -18°C

111

GMP is promulgated by

(A)

UNDP (United Nation Development Programme)

(B)

FSSAI (Food Safety and Standards Authority of India)

(C)

WHO (World Health Organisation)

(D)

US Food and Drug Administration (FDA)

Answer: (D) US Food and Drug Administration (FDA)

112

GMP is also termed as “cGMP” where “c” stands for

(A)

cooperative action

(B)

corresponding

(C)

contaminated

(D)

current

Answer: (D) current

113

What is the main role of GMP

(A)

To have the product every time better than previous one

(B)

To have the same quality as the unit tested in the laboratory

(C)

It is implemented after the manufacturing process is completed

(D)

GMP is marketing strategy to attract the attention of people

Answer: (B) To have the same quality as the unit tested in the laboratory

114

Iodized salt contains iodine in the form of:

(A)

I₂

(B)

KIO₃

(C)

KI

(D)

NaI

Answer: (D) NaI

115

Who developed the process of canning?

(A)

Nicolas Appert

(B)

Louis Pasteur

(C)

Norman Borlaug

(D)

Walter Hesse

Answer: (A) Nicolas Appert

116

Which temperature is also known as "The danger zone"?

(A)

Above 46 °F and 140 °F

(B)

Between 40 °F and 140 °F

(C)

Between 60 °F and 160 °F

(D)

None

Answer: (B) Between 40 °F and 140 °F

117

Which of the following organism is nitrogen-fixing and found in rice fields in symbiotic association with Azolla?

(A)

Frankia

(B)

Tolypothrix

(C)

Spirulina

(D)

Anabaena

Answer: (D) Anabaena

118

_____ are code of good practices that comprises the fundamental principles, procedures and means needed for safe food production.

(A)

GMP

(B)

PRP

(C)

HACCP

(D)

None

Answer: (B) PRP

119

_____ provides information on hazard in food to be linked directly to data on the risk to human health and to improve food safety decision making process.

(A)

Biological Hazard

(B)

Risk Analysis

(C)

FOSCORIS

(D)

Chemical Hazard

Answer: (B) Risk Analysis

120

"Which of the listed organizations in the supply chain can implement ISO 22000?"

- 1) food manufacturing
- 2) food ingredient manufacturing
- 3) food additives manufacturing
- 4) transportation of food
- 5) packaging of food
- 6) retail or wholesale dealer
- 7) Restaurants
- 8) food equipment production"

(A)

All of the above excluding 2 and 3

(B)

All of the above excluding 4, 5 and 8

(C)

Only 1, 6 and 7

(D)

All of the mentioned

Answer: (D) All of the mentioned