

FINAL ANSWER KEY

Question Paper Code: 14/2015/OL
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- Question1:-THE WINNER OF WORLD WELTERWEIGHT TITLE OF BOXING IS
 A:-FLOYD MAYWEATHER JR
 B:-MANNY PACQUIAO
 C:-JOHN CENA
 D:-RANDY ORTAN
 Correct Answer:- Option-A
- Question2:-FIRST HYDRO ENGINEERING COLLEGE IN INDIA IS SET TO OPEN IN THE STATE OF
 A:-JHARKHAND
 B:-UTTARANCHAL
 C:-HIMACHAL PRADESH
 D:-GOA
 Correct Answer:- Option-C
- Question3:-THE STATE AWARDED BEST E PANCHAYATH AWARD OF PANCHAYATHI RAJ DIVAS 2015 BY THE CENTRAL GOVERNMENT IS
 A:-KERALA
 B:-ASSAM
 C:-PASCHIM BANGA
 D:-TRIPURA
 Correct Answer:- Option-B
- Question4:-FREE MEDICINE SCHEME NIRMAYA IS RELATED TO THE STATE OF
 A:-KERALA
 B:-TAMILNADU
 C:-MAHARASHTRA
 D:-ODISHA
 Correct Answer:- Option-D
- Question5:-THE CHINESE SOCIAL NETWORKING SITE MODELED ON TWITTER IN WHICH PM NARENDRA MODI SIGNED UP RECENTLY
 A:-CHAT FREE
 B:-HIKE MESSENGER
 C:-SINA WEIBO
 D:-GLUMPSHOIED
 Correct Answer:- Option-C
- Question6:-THE PSEUDONYM THAT EMS USED TO WRITE WITH WAS
 A:-ABRAHAM DAVID
 B:-P S CHERIAN
 C:-M V MANUEL
 D:-SIMON PHILIP
 Correct Answer:- Option-B
- Question7:-THE NEWSPAPER STARTED BY SNDP WAS
 A:-SANKSHEPA VERDARTHAM
 B:-JNANODAYAM
 C:-VIVEKODAYAM
 D:-JANMARASHTRA
 Correct Answer:- Option-C
- Question8:-E JOHN JACOB ORGANIZED THE FAMOUS RYOT MOVEMENT NAMED
 A:-NIRANAM PADA
 B:-KOZHENCHERRY AGITATION
 C:-KALLUMALA REVOLT
 D:-KARIVELOORE REVOLT
 Correct Answer:- Option-A
- Question9:-WHO IS KNOWN AS THE GANDHI OF KERALA
 A:-T K MADHAVAN
 B:-K KELAPPAN
 C:-SAHODARAN AYYAPPAN
 D:-C KESAVAN
 Correct Answer:- Option-B
- Question10:-WHO WROTE GANDHI AND ANARCHY
 A:-SIR C SANKARAN NAIR
 B:-VAKKOM MAULAVI
 C:-A K GOPALAN
 D:-B R AMBEDKAR
 Correct Answer:- Option-A
- Question11:-MAHAKALI RIVER AGREEMENT IS BTWEEN INDIA AND
 A:-PAKISTAN
 B:-MYANMAR
 C:-NEPAL
 D:-BANGLADESH
 Correct Answer:- Option-C
- Question12:-FIRST MILITARY MONITORING STATION OF INDIA ABROAD IS AT
 A:-LEBANON
 B:-SYRIA
 C:-MADAGASCAR
 D:-KENYA
 Correct Answer:- Option-C
- Question13:-SUNAYANA IS AN INDIAN
 A:-WAR SHIP
 B:-TANK
 C:-MISSILE
 D:-RADAR
 Correct Answer:- Option-A
- Question14:-THE LIFE DIVINE IS THE WORK OF
 A:-B G TILAK
 B:-GURU AUROBINDO
 C:-MAHATMA GANDHI
 D:-SUBHASH CHANDRA BOSE
 Correct Answer:- Option-B
- Question15:-PEOPLE'S POLITICAL FRONT IS THE BRAIN CHILD OF
 A:-ARUNDHATI ROY
 B:-ARUNA ROY
 C:-VANDANA SIVA
 D:-MEDHA PATKAR
 Correct Answer:- Option-D
- Question16:-KAMAKHYA TEMPLE NEAR RANGYA IS IN THE STATE OF
 A:-ASSAM
 B:-ODISHA
 C:-GOA
 D:-KERALA
 Correct Answer:- Option-A
- Question17:-WHO WAS THE PRIVATE SECRETARY OF GANDHIJI
 A:-A K MOHANTY
 B:-N G K MENON
 C:-M D DESAI
 D:-G K PILLAI
 Correct Answer:- Option-C

Question18:-FIRST WOMAN CHIEF ELECTION COMMISSIONER OF INDIA WAS

- A:-NANDINI SATPATI
- B:-NELLI BISWAS
- C:-RAJKUMARI AMRITA KAUR
- D:-V S REMADEVI

Correct Answer:- Option-D

Question19:-KANFED IS AN ORGANIZATION IN KERALA RELATED TO

- A:-CHILD MARRIAGE PREVENTION
- B:-AIDS CONTROL
- C:-DOWRY PROHIBITION
- D:-NON FORMAL EDUCATION

Correct Answer:- Option-D

Question20:-KUDANKULAM POWER PROJECT IS SUPPORTED AND AIDED AS A GESTURE OF GOOD RELATIONSHIP WITH INDIA BY

- A:-RUSSIA
- B:-GERMANY
- C:-BRITAIN
- D:-USA

Correct Answer:- Option-A

Question21:-The temperature at which solid and liquid state of the substance is in thermal equilibrium with each other is called _____

- A:-Boiling point
- B:-Latent specific heat
- C:-Melting point
- D:-Convection

Correct Answer:- Option-C

Question22:-pH number of an acid will be _____

- A:-less than 7
- B:-equal to 7
- C:-greater than 7
- D:-None of these

Correct Answer:- Option-A

Question23:-Time period of a simple harmonic motion depends on _____

- A:-Amplitude of motion
- B:-Energy
- C:-Mass of the pendulum
- D:-Length of the pendulum

Correct Answer:- Option-D

Question24:-Solubility of gases in liquid _____ with rise in temperature.

- A:-increases
- B:-decreases
- C:-may increase or decrease
- D:-will not change

Correct Answer:- Option-B

Question25:-Devices such as hydraulic lift and hydraulic brakes are based on _____

- A:-Pascal's law
- B:-Hooke's law
- C:-Bernoulli's theorem
- D:-Archimedes principle

Correct Answer:- Option-A

Question26:-Some solid substance when heated changes from solid state to vapor state without passing through liquid state. This phenomenon is _____

- A:-Distillation
- B:-Sublimation
- C:-Differential extraction
- D:-Vaporisation

Correct Answer:- Option-B

Question27:-At the transmitter, information contained in the low frequency message signal is superimposed on a high frequency wave which acts as the carrier of the information. This process is called _____

- A:-Amplification
- B:-Attenuation
- C:-Modulation
- D:-Transmittance

Correct Answer:- Option-C

Question28:-Two or more compounds that have same chemical formula but different arrangement of atoms are called _____

- A:-Isotopes
- B:-Isobars
- C:-Isomers
- D:-Polymers

Correct Answer:- Option-C

Question29:-When three resistances of 5Ω, 10Ω, 20Ω are connected in parallel, the combined resistance will be _____

- A:-35Ω
- B:-20Ω
- C:-5Ω
- D:-less than 5Ω

Correct Answer:- Option-D

Question30:-A qualitative measure of the ability of an atom in a chemical compound to attract shared electrons to itself is called _____

- A:-Electronegativity
- B:-Molar mass
- C:-Enthalpy
- D:-Entropy

Correct Answer:- Option-A

Question31:-The male anther in plants produce cells with

- A:-haploid number of chromosomes
- B:-diploid number of chromosomes
- C:-polyploid number of chromosomes
- D:-multiple sets of chromosomes

Correct Answer:- Option-A

Question32:-The kind of place, or part of an ecosystem, occupied by an organism is known as its

- A:-niche
- B:-habitat
- C:-biosphere
- D:-biosphere reserve

Correct Answer:- Option-B

Question33:-The exchange of fluid, nutrients, electrolytes, hormones and other substances between the blood and the interstitial fluid is the function of

- A:-arteries
- B:-veins
- C:-lymph vessels
- D:-cappillaries

Correct Answer:- Option-D

Question34:-The functional unit of human kidney is

- A:-neuron
- B:-nephridium
- C:-nephron
- D:-protonephridia

Correct Answer:- Option-C

Question35:-Which of the following does not secrete any hormone?

- A:-ovary
- B:-testis
- C:-pancreas
- D:-spleen

Correct Answer:- Option-D

Question36:-Gregor Johann Mendel was carried out a number of experiments on

- A:-Pisum sativum

- B:-Oryza sativa
C:-Pisum arvense
D:-Pisum maritimum
Correct Answer:- Option-A
- Question37:-The causative microorganism for the human disease cholera is
A:-virus
B:-protozoa
C:-bacteria
D:-fungi
Correct Answer:- Option-C
- Question38:-The roots of some plants growing in swampy areas, come out of the ground and grow vertically upwards are called as
A:-pneumatophores
B:-prop roots
C:-stilt roots
D:-tap roots
Correct Answer:- Option-A
- Question39:-Archaeopteryx is a connecting link between
A:-Reptiles and Mammals
B:-Aves and Reptiles
C:-Annelids and Arthropods
D:-Aves and Mammals
Correct Answer:- Option-B
- Question40:-An endocrine gland functions as a biological clock is
A:-Pituitary gland
B:-Thymus gland
C:-Pineal gland
D:-Adrenal gland
Correct Answer:- Option-C
- Question41:-The father of Medicine is
- A:-John Snow
B:-Hippocrates
C:-Aesculapius
D:-Francis Peabody
Correct Answer:- Option-B
- Question42:-Which of the following is not used in calculating Physical Quality of Life Index (PQLI)
A:-Infant Mortality rate
B:-Life expectancy at age one
C:-Literacy
D:-Per capita Income
Correct Answer:- Option-D
- Question43:-The age group at which the greatest proportion of maternal mortality occurs is
A:-15-19 years
B:-20-24 years
C:-25-29 years
D:-30-34 years
Correct Answer:- Option-B
- Question44:-Maternal mortality ratio of India during 2010-2012 was
A:-127/100000
B:-178/100000
C:-212/100000
D:-308/100000
Correct Answer:- Option-B
- Question45:-The concept of Primary Health Care came into limelight in 1978 at a conference held at
A:-Alma Ata
B:-Cairo
C:-Geneva
D:-New Delhi
Correct Answer:- Option-A
- Question46:-The classical model of triangle of epidemiology includes all except
A:-Agent
B:-Host
C:-Time
D:-Environment
Correct Answer:- Option-C
- Question47:-In the international death certificate the underlying cause of death is recorded in line
A:-a
B:-b
C:-c
D:-d
Correct Answer:- Option-C
- Question48:-The prevalence of disease depends on Inciden
A:-Incidence
B:-Duration
C:-Incidence and Duration
D:-Neither incidence nor duration
Correct Answer:- Option-C
- Question49:-Which of the following studies can be easily done to identify risk factors
A:-Cross sectional study
B:-Case control study
C:-Cohort study
D:-Randomised Trials
Correct Answer:- Option-B
- Question50:-Scabies is an example of a
A:-Infectious disease
B:-Communicable disease
C:-Contagious disease
D:-Noncommunicable disease
Correct Answer:- Option-C
- Question51:-An infection that takes the opportunity provided by a defect in the host defence to infect host and hence cause disease is called
A:-Nosocomial infection
B:-Opportunistic infection
C:-Iatrogenic infection
D:-None
Correct Answer:- Option-B
- Question52:-A chronic carrier state occurs in
A:-Typhoid
B:-Hepatitis B
C:-Gonorrhoea
D:-All the listed options
Correct Answer:- Option-D
- Question53:-Droplet infection is an example of a
A:-Direct transmission
B:-Airborne transmission
C:-Indirect transmission
D:-Biological transmission
Correct Answer:- Option-A
- Question54:-Which of the following is an example of a cycledevelopmental type of transmission
A:-Malaria
B:-Filaria
C:-Plague

- D:-Malaria and Filaria
Correct Answer:- Option-B
- Question55:-The time taken for 50% of cases to occur following exposure is called
A:-Average incubation period
B:-Median incubation period
C:-Generation time
D:-Communicable period
Correct Answer:- Option-B
- Question56:-Which of the following is a live vaccine
A:-BCG
B:-Rabies
C:-Hepatitis B
D:-Tetanus
Correct Answer:- Option-A
- Question57:-The most heat sensitive vaccine is
A:-Measles
B:-Polio
C:-DPT
D:-Hepatitis
Correct Answer:- Option-B
- Question58:-The dose of human antirabies serum is
A:-10 IU/kg
B:-20 IU/kg
C:-30 IU/kg
D:-40 IU/kg
Correct Answer:- Option-B
- Question59:-The recommended temperature for storage of vaccines in ILR is
A:-+2 to +8 degree celsius
B:-+4 to +8 degree celsius
C:-15 to -25 degree celsius
D:-10 to -15 degree celsius
Correct Answer:- Option-A
- Question60:-The value of handwashing with antiseptic to reduce death from puerperal fever was demonstrated by
A:-Lister
B:-Pasteur
C:-Semmelweis
D:-Koch
Correct Answer:- Option-C
- Question61:-The stage of vaccine vial monitor at which vaccine should be discarded is
A:-Stage 1 and above
B:-Stage 2 and above
C:-Stage 3 and above
D:-Stage 4 and above
Correct Answer:- Option-C
- Question62:-Disinfection of water by chlorination is an example of
A:-Concurrent disinfection
B:-Terminal disinfection
C:-Precurrent disinfection
D:-None of the above
Correct Answer:- Option-C
- Question63:-Dettol belongs to which chemical group of disinfectant
A:-Halogen
B:-Phenol
C:-Quaternary ammonia compound
D:-Alcohol
Correct Answer:- Option-B
- Question64:-In order to disinfect sputum, patient may be asked to spit in a sputum cup half filled with 5 %
A:-Bleaching powder
B:-Crude Phenol
C:-Cresol
D:-Formalin
Correct Answer:- Option-C
- Question65:-The chemical used for fumigation is
A:-Formaldehyde
B:-Potassium Permanganate
C:-Chlorinated Lime
D:-Bleaching Powder
Correct Answer:- Option-A
- Question66:-The incubation period of chicken pox
A:-2-5 days
B:-5-10 days
C:-7-21 days
D:-21-42 days
Correct Answer:- Option-C
- Question67:-Subacute sclerosing pan- encephalitis (SSPE) is a complication of
A:-BCG vaccine
B:-Polio vaccine
C:-Pertussis vaccine
D:-Measles vaccine
Correct Answer:- Option-D
- Question68:-The formation of a false membrane in the throat is characteristic of
A:-Diphtheria
B:-Pertussis
C:-Meningococcal vaccine
D:-Measles
Correct Answer:- Option-A
- Question69:-A 3 month old child presenting with fever , respiratory rate of 60/minute and chest indrawing is classified as having
A:-No pneumonia
B:-Pneumonia
C:-Severe Pneumonia
D:-Very severe pneumonia
Correct Answer:- Option-C
- Question70:-The number of sputum samples to be tested to diagnose tuberculosis
A:-One
B:-Two
C:-Three
D:-Four
Correct Answer:- Option-B
- Question71:-Any patient treated as Category I Tuberculosis, who has a positive smear atmonths is considered a failure and started on Category II treatment
A:-2 months
B:-3 months
C:-4 months
D:-5 months
Correct Answer:- Option-D
- Question72:-.....was formerly known as infectious hepatitis
A:-Hepatitis A
B:-Hepatitis B
C:-Hepatitis C
D:-Hepatitis E
Correct Answer:- Option-A

Question73:-.....% of children in the age group of 0-59 months are underweight in India

- A:-20%
- B:-40%
- C:-60%
- D:-80%

Correct Answer:- Option-B

Question74:-Which of the following about zinc supplementation for acute diarrhoea is wrong

- A:-It reduces duration of episode
- B:-It reduces the severity of episode
- C:-It reduces the incidence of diarrhoea in the following 2-3 months
- D:-None of the above

Correct Answer:- Option-D

Question75:-Prophylactic platelet transfusion is recommended in Dengue when the platelet count is below

- A:-10000/ cu mm
- B:-20000/cu mm
- C:-40000/cu mm
- D:-50000/cu mm

Correct Answer:- Option-A

Question76:-The main vector for rural and peri- urban malaria in India is

- A:-Anopheles stephensi
- B:-Anopheles culicifacies
- C:-Anopheles dirus
- D:-Anopheles sudaicus

Correct Answer:- Option-B

Question77:-Which of the following is not used in the treatment of malaria

- A:-Quinine
- B:-Chloroquine
- C:-Primaquine
- D:-Ethambutol

Correct Answer:- Option-D

Question78:-Which of the following drugs is used in mass administration for interruption of transmission of filariasis in India

- A:-Diethyl carbamazine
- B:-chloroquine
- C:-Albendazole
- D:-Ivermectin

Correct Answer:- Option-A

Question79:-.....is a tick borne disease

- A:-scrub typhus
- B:-Kysanur forest disease
- C:-West Nile fever
- D:-Sandfly fever

Correct Answer:- Option-B

Question80:-Te mode of transmission of Q fever is

- A:-Vector borne
- B:-Water borne
- C:-Air borne
- D:-Direct

Correct Answer:- Option-C

Question81:-In stage 2 hypertension the systolic blood pressure is above

- A:-180
- B:-160
- C:-140
- D:-120

Correct Answer:- Option-B

Question82:-Which of the following is not a modifiable risk factor for hypertension

- A:-obesity
- B:-increased salt intake
- C:-physical inactivity
- D:-increasing age

Correct Answer:- Option-D

Question83:-The most common cancer among males in India is

- A:-oral cancer
- B:-Lung cancer
- C:-prostate cancer
- D:-Colo rectal cancer

Correct Answer:- Option-B

Question84:-Insulin resistance syndrome is not characterised by

- A:-hypoglycaemia
- B:-hypertension
- C:-hyperinsulinaemia
- D:-dyslipidaemia

Correct Answer:- Option-A

Question85:-The dose of Vitamin A administered to children above one year according to the Vitamin A prophylaxis programme is

- A:-50000 IU
- B:-100000 IU
- C:-150000 IU
- D:-200000 IU

Correct Answer:- Option-D

Question86:-The national antimalaria programme was renamed as National Vector Borne Disease Control Programme in the year

- A:-1999
- B:-2002
- C:-2005
- D:-2010

Correct Answer:- Option-B

Question87:-The aim of the national leprosy eradication programme of eliminating leprosy is achieved when the case load is

- A:-<1/1000
- B:-<1/10000
- C:-<1/100000
- D:-<1/1000000

Correct Answer:- Option-B

Question88:-The diseases targeted under the vision 2020 in India ; include the following, except

- A:-Refractive errors
- B:-Glaucoma
- C:-diabetic retinopathy
- D:-Oncocerciasis

Correct Answer:- Option-D

Question89:-If a child has not received DPT 1,2,3 according to the schedule in Universal immunisation programme, upto what age can the vaccine be given

- A:-5 years
- B:-6 years
- C:-7 years
- D:-do not give the vaccine

Correct Answer:- Option-C

Question90:-The general norm for selection of ASHA is; one ASHA for a population of

- A:-2000
- B:-1000
- C:-500
- D:-200

Correct Answer:- Option-B

Question91:-The indicator for prevalence of contraceptive use is

- A:-Net reproduction rate

- B:-Pearl index
 - C:-Couple protection rate
 - D:-General Fertility rate
- Correct Answer:- Option-C

Question92:-The advantages of condom are the following except

- A:-Safe and inexpensive
 - B:-No side effects
 - C:-Does not interfere with sex sensation
 - D:-provides protection against sexually transmitted diseases
- Correct Answer:- Option-C

Question93:-Babies born before the end of ... weeks is termed preterm

- A:-34 weeks
 - B:-37 weeks
 - C:-40 weeks
 - D:-42 weeks
- Correct Answer:- Option-B

Question94:-The denominator in the calculation of still birth rate is

- A:-Live births
 - B:-Live births + still births > 1000g
 - C:-Mid year female population in the age group of 15-49 years
 - D:-None of the above
- Correct Answer:- Option-B

Question95:-The sociopersonal development milestone for a child to be achieved by 9-10 months

- A:-smiling at mother
 - B:-recognising mother
 - C:-increasing range of sounds
 - D:-stranger anxiety
- Correct Answer:- Option-D

Question96:-The richest source of Vitamin C is

- A:-Amla
 - B:-Lime
 - C:-Orange
 - D:-Tomato
- Correct Answer:- Option-A

Question97:-The recommendation of intake of visible fat/day for a sedentary adult man is

- A:-10 g
 - B:-15 g
 - C:-20 g
 - D:-25 g
- Correct Answer:- Option-D

Question98:-Which of the following is not a temporary social group

- A:-crowd
 - B:-band
 - C:-mob
 - D:-herd
- Correct Answer:- Option-B

Question99:-The orthotolidine arsenite test is used to

- A:-determine free chlorine
 - B:-determine combined chlorine
 - C:-determine free and combined chlorine together
 - D:-determine free and combined chlorine separately
- Correct Answer:- Option-D

Question100:-According to rural housing standards cattle shed should be at least ----feet away from dwelling houses

- A:-25
 - B:-50
 - C:-75
 - D:-100
- Correct Answer:- Option-A