

PROVISIONAL ANSWER KEY

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Question1:-Which among the following is a marker for Type II alveolar epithelial cells

- A:-Caveolin 1
 - B:-Aquaporin 5
 - C:-Carboxypeptidase M
 - D:-Alkaline phosphatase
- Correct Answer:- Option-D

Question2:-Regarding cervical rib, which among the following is FALSE

- A:-It is bilateral in 80% of cases
 - B:-Symptom due to compression are more prevalent in males
 - C:-More common on the left side
 - D:-The production of symptoms bears no relation to the size of the rib
- Correct Answer:- Option-B

Question3:-Which among the following group is least likely to progress to active tuberculosis once infected with tubercle bacilli

- A:-Patients on TNF alpha inhibitors
 - B:-Silicosis
 - C:-Post jejunoileal bypass
 - D:-Post renal transplant patients
- Correct Answer:- Option-A

Question4:-Which among the following antibiotics has got good penetration to respiratory secretions

- A:-Cephalosporins
 - B:-Vancomycin
 - C:-Macrolides
 - D:-Carbapenems
- Correct Answer:- Option-C

Question5:-Which among the following Immunohistochemistry marker is not useful in diagnosing lung adenocarcinoma is

- A:-LeuM1
 - B:-Napsin A
 - C:-Surfactant protein A
 - D:-TTF-1
- Correct Answer:- Option-A

Question6:-All the following are mast cell mediators EXCEPT

- A:-Tryptase
 - B:-Chymase
 - C:-Elastase
 - D:-Collagenase
- Correct Answer:- Option-D

Question7:-Difference between the alveolar and pleural pressures is termed as

- A:-Transthoracic pressure
 - B:-Transpulmonary pressure
 - C:-Trans alveolar pressure
 - D:-Trans bronchial pressure
- Correct Answer:- Option-B

Question8:-As per the 2019 WHO guidelines on drug resistant Tuberculosis treatment, all the following are highly effective and strongly recommended for inclusion in all oral longer regimens EXCEPT

- A:-Levofloxacin
- B:-Bedaquiline
- C:-Ethionamide
- D:-Linezolid

Correct Answer:- Option-C

Question9:-The minute ventilation above which route of airflow switches from predominately nasal to oronasal breathing is

- A:-10L/min
- B:-16L/min
- C:-24L/min
- D:-30L/min

Correct Answer:- Option-D

Question10:-Regarding honeycomb spaces in usual interstitial pneumonia (UIP) all are true EXCEPT

- A:-Results from parenchymal remodeling with formation of new airspaces
- B:-Have thickened and irregular walls
- C:-There will be destruction of normal airspaces
- D:-They have abundant and well collagenized connective tissue

Correct Answer:- Option-C

Question11:-Regarding Bedaquiline which is FALSE

- A:-Belongs to the diarylquinoline class
- B:-Targets the rpoB gene encoding the subunit c of the ATP synthase of Mycobacterium tuberculosis
- C:-Binds to the oligomeric and proteolipic subunit c of mycobacterial ATP synthase
- D:-Bedaquiline is rapidly absorbed orally

Correct Answer:- Option-B

Question12:-About Riociguat which is true

- A:-Stimulator of soluble guanylate cyclase (sGC)
- B:-Inhibitor of soluble guanylate cyclase (sGC)
- C:-Stimulator of Cyclic GMP (cGMP)
- D:-Inhibitor of cyclic GMP (cGMP)

Correct Answer:- Option-A

Question13:-SERAPHIN trial is related to management of

- A:- Lung Cancer
- B:-Idiopathic pulmonary fibrosis
- C:-COPD
- D:-pulmonary arterial hypertension

Correct Answer:- Option-D

Question14:-"Differentiation syndrome" is an adverse event seen during treatment with

- A:-Gefitinib
- B:-All-trans retinoic acid
- C:-Paclitaxel
- D:-Docetaxel

Correct Answer:- Option-B

Question15:-Searles and Mckendry diagnostic criteria is used to detect pulmonary involvement due to

- A:-Bleomycin
- B:-Cyclophosphamide
- C:-Methotrexate
- D:-Actinomycin D

Correct Answer:- Option-C

Question16:-Predictive postoperative lung function should be estimated for patients with and FEV1 or DLco less than

- A:-80% of predicted
- B:-60% of predicted
- C:-50% of predicted
- D:-40% of predicted

Correct Answer:- Option-A

Question17:-Intraoperative risk factors associated with the development of postoperative pulmonary complication is least for

- A:-Hip surgery
- B:-Head and neck surgery
- C:-Neurosurgery
- D:-Thoracic surgery

Correct Answer:- Option-A

Question18:-In Tsuboi classification of tumor-bronchus relationship, when the bronchus is compressed, narrowed, and displaced by the tumor, but the bronchial mucosa is intact will be categorized as which pattern

- A:-Type I

B:-Type II

C:-Type III

D:-Type IV

Correct Answer:- Option-C

Question19:-Flexible fiber optic bronchoscopy was pioneered by

A:-Gustav Kilian

B:-Ikeda

C:-Schieppati

D:-Wang

Correct Answer:- Option-B

Question20:-In order to maintain procedural competence for medical thoracoscopy, minimum number of procedures to be performed yearly by operator should be

A:-2

B:-5

C:-8

D:-10

Correct Answer:- Option-D

Question21:-Anti TB drug which can cause metallic taste

A:-Bedaquiline

B:-Delamanide

C:-Fluroquinolone

D:-both A and C

Correct Answer:- Option-C

Question22:-Acid fastness is a property of all of the following organisms except

A:-Rhodococcus

B:-Legionella micadadei

C:-Cryptococcus

D:-Isospora

Correct Answer:- Option-C

Question23:-Treatment of LTBI can reduce the risk of progression to active disease by about -----%

A:-30%

B:-60%

C:-80%

D:-90%

Correct Answer:- Option-B

Question24:-The cut value (confirmed by repeat ECG) of QTcF value above which all the QTc prolonging drugs should be discontinued.

A:-440ms

B:-470ms

C:-500ms

D:-520ms

Correct Answer:- Option-C

Question25:-TB meningitis should be treated with first line ATT for at least----- months

A:-6

B:-9

C:-12

D:-15

Correct Answer:- Option-B

Question26:-Regarding starting DRTB drugs in a HIV infected patient, pick the wrong statement

A:-Unlike drug sensitive pulmonary tuberculosis, ART should be started along with DRTB drugs.

B:-HIV infected DRTB patients without the benefit of ART may experience mortality rates exceeding 90%

C:-For severe IRIS syndrome prednisolone is the recommended drug.

D:-For all new HIV co infected patients recommended ART is FDC of TLE (Tenofovir, Lamivudine and Efavirenz)

Correct Answer:- Option-A

Question27:-Pick the incorrect statement regarding tubercular pleural effusion

A:-Pleural fluid ADA values less than 40 U/L virtually rules out tuberculosis

B:-ADA activity correlates with CD4+ T lymphocyte cell infiltration in the pleura and pleural fluid

C:-Haemolysed blood in fluid sample may cause false over estimation of ADA

D:-ADA1:ADA2 ratio less than 0.45 is highly suggestive of tuberculosis

Correct Answer:- Option-C

Question28:-The non tubercular mycobacterium proposed to have an etiological relationship with Crohns disease is

A:-M.interjectum

B:-M.avium subsp. Paratuberculosis

C:-M.intracellulare

D:-M.chimaera

Correct Answer:- Option-B

Question29:-Regarding VAT (ventilator associated tracheobronchitis) pick the wrong statement

A:-It can be associated with fever and purulent tracheal secretions

B:-There is absence of new infiltrate on chest X-ray

C:-Non antibiotic treatment is recommended

D:-Most common organism implicated is pneumococcus

Correct Answer:- Option-D

Question30:-Which of the following is a extracellular functioning PRR(Pattern Recognition Receptor)

A:-TLR 6

B:-TLR 3

C:-NLR

D:-RIG-I

Correct Answer:- Option-A

Question31:-The pneumonia which is often associated with bullous myringitis

A:-Mycoplasma pneumonia

B:-Pneumococcal pneumonia

C:-Staphylococcal pneumonia

D:-Legionella pneumonia

Correct Answer:- Option-A

Question32:-False positive beta-D glucan assay is seen with all except.

A:-Intra Venous Immunoglobulin

B:-Intra Venous Piperacillin-Tazobactam

C:-Pseudomonas bacteraemia

D:-Intra Venous Ringer lactate

Correct Answer:- Option-D

Question33:-Which of the following is not true regarding Anthrax

A:-It is also called Brad Ford disease

B:-There is no human to human transmission

C:-Causative agent is a large, square ended gram negative bacilli

D:-Widening of the mediastinum or prominence of hilar nodes is the earliest radiological finding

Correct Answer:- Option-C

Question34:-In cystic fibrosis select the wrong statement

A:-The first genetic marker that was found to be linked to cystic fibrosis was Paraoxanase

B:-60% of patients have meconium ileus as the initial manifestation

C:-In CF pancreatic insufficiency a malabsorption coefficient of > 7% is considered abnormal

D:-T5 polymorphism expressed with R117H result in CBAVD

Correct Answer:- Option-B

Question35:-All the above are features of Lofgren's syndrome except

A:-Erythema nodosum

B:-Bilateral hilar adenopathy

C:-Polyarthritis

D:-Lupus pernio

Correct Answer:- Option-D

Question36:-HRCT pattern consistent with idiopathic pulmonary fibrosis are all except

A:-Peribronchovascular predominance

B:-Subpleural basal predominance

C:-Honeycombing

D:-Reticular abnormality

Correct Answer:- Option-A

Question37:-The drug recommended for the treatment of idiopathic pulmonary fibrosis

A:-Corticosteroid

B:-Nintedanib

C:-N acetyl cysteine

D:-Azathioprine

Correct Answer:- Option-B

Question38:-GAP score is used as a mortality predictor in which condition?

A:-Idiopathic pulmonary fibrosis

B:-COPD

C:-Asthma

D:-None of the above

Correct Answer:- Option-A

Question39:-Reversed halo sign is seen in all conditions except

A:-Cryptogenic organising pneumonia

B:-Mucormycosis

C:-Idiopathic pulmonary fibrosis

D:-Pulmonary infarction

Correct Answer:- Option-C

Question40:-The usual time frame for the development of radiation pneumonitis is

A:-1 week to 1 month

B:-within 2 weeks

C:-6 weeks to 6 months

D:-None of the above

Correct Answer:- Option-C

Question41:-Causes of acute respiratory distress in SLE patient is

A:-Community acquired pneumonia

B:-Acute lupus pneumonitis

C:-pulmonary embolism

D:-All of the above

Correct Answer:- Option-D

Question42:-Caplan syndrome is seen in

A:-Rheumatoid arthritis

B:-Systemic lupus erythematosus

C:-Systemic sclerosis

D:-Polymyositis dermatomyositis

Correct Answer:- Option-A

Question43:-The most common ILD pattern in systemic sclerosis is

A:-Usual interstitial pneumonia

B:-Non-specific interstitial pneumonia

C:-Cryptogenic organising pneumonia

D:-Diffuse alveolar damage

Correct Answer:- Option-B

Question44:-Birbeck granules is seen in

A:-Systemic sclerosis

B:-systemic lupus erythematosus

C:-Sjogren's syndrome

D:-Langerhans cell histiocytosis

Correct Answer:- Option-D

Question45:-Black pleura sign is seen in

A:-Pulmonary alveolar haemorrhage

B:-Langerhans cell histiocytosis

C:-Lymphangiomyomatosis

D:-Pulmonary alveolar microlithiasis

Correct Answer:- Option-D

Question46:-The most common antimicrobial agent that causes pulmonary fibrosis

A:-Azithromycin

B:-Ciprofloxacin

C:-Nitrofurantoin

D:-cefepime

Correct Answer:- Option-C

Question47:-Most common genetic mutation seen in cystic fibrosis is

A:- $\Delta F508$

B:-R117H

C:-G551D

D:-R227H

Correct Answer:- Option-A

Question48:-Oral drug ivacaftor is used in the treatment of

A:-Lymphangiomyomatosis

B:-Pulmonary alveolar proteinosis

C:-Cystic fibrosis

D:-Sarcoidosis

Correct Answer:- Option-C

Question49:-Vanishing lung syndrome is seen in which condition

A:-Systemic sclerosis

B:-bullous lung disease

C:-diaphragm palsy

D:-pulmonary alveolar proteinosis

Correct Answer:- Option-B

Question50:-All are used in tobacco smoking cessation except

A:-Nicotine replacement therapy

B:-Bupropion

C:-varenicline

D:-e-cigarette

Correct Answer:- Option-D

Question51:-Empey's index is

A:-FEV1:PEFR ratio

B:-FEV1/FVC ratio

C:-FEV1/MMEF ratio

D:-MMEF/FVC ratio

Correct Answer:- Option-A

Question52:-Diagnostic criteria for obesity hypoventilation syndrome include all except

A:-BMI>30 kg/m²

B:-Daytime Pa_{CO₂} >45mmHg

C:-Daytime Pa_{O₂} <60mmHg

D:-Sleep disordered breathing

Correct Answer:- Option-C

Question53:-Which of the following feature is not a part of the Well's Score for predicting the probability of Pulmonary Embolism?

A:-HR>100

B:-Haemoptysis

C:-Age>50

D:-Malignancy

Correct Answer:- Option-C

Question54:-Which among the following is not true regarding Pulmonary veno occlusive disease?

A:-Pulmonary Hypertension

B:-Radiographic evidence of pulmonary edema

C:-Raised PAWP

D:-Lymphatic dilatation at the lung bases and pleura

Correct Answer:- Option-C

Question55:-McConnells sign is a sonologic sign diagnostic of :

A:-Lung cancer

B:-Pleural effusion

C:-Pneumothorax

D:-Pulmonary embolism

Correct Answer:- Option-D

Question56:-What is the most likely cause of pulmonary aneurysm?

A:-Mycotic

B:-Behcet disease

C:-Traumatic

D:-Congenital

Correct Answer:- Option-A

Question57:-Curacao diagnostic criteria is used to diagnose which of the following?

- A:-Henoch-Schönlein purpura
 - B:-Wegner's granulomatosis
 - C:-Christmas disease
 - D:-Hereditary hemorrhagic telangiectasia
- Correct Answer:- Option-D

Question58:-A flow volume loop is showing plateauing of the inspiratory loop only. The most likely cause is:

- A:-Fixed extra-thoracic obstruction
 - B:-Variable extra-thoracic obstruction
 - C:-Fixed intra-thoracic obstruction
 - D:-Variable intra-thoracic obstruction
- Correct Answer:- Option-B

Question59:-A patient with severe COPD enters a respiratory rehabilitation program. This is most likely to improve:

- A:-ABG's
 - B:-Survival
 - C:-Exercise tolerance
 - D:-Spirometry
- Correct Answer:- Option-C

Question60:-Fatal asthma attacks are best predicted by:

- A:-Onset in childhood
 - B:-Increased bronchodilator use
 - C:-Smoking
 - D:-Atopy
- Correct Answer:- Option-B

Question61:-According to GOLD Guidelines 2019, Inhaled steroids are not considered beneficial if AEC is less than

- A:-400
 - B:-300
 - C:-200
 - D:-100
- Correct Answer:- Option-D

Question62:-Which of the following parameters would be needed to calculate a patient's BODE index?

- A:-Pre bronchodilator FEV1%
 - B:-Height
 - C:-Resting PaO2
 - D:-VO2Max
- Correct Answer:- Option-B

Question63:-Which of the following is likely to be positive in a case of Follicular bronchiolitis?

- A:-Anticyclic citrullinated peptide antibody
 - B:-Liver-kidney microsomal type 1 (LKM-1) antibody
 - C:-ACE
 - D:-Anti DS antibody
- Correct Answer:- Option-A

Question64:-In a case of COPD with pulmonary hypertension (Mean PAP 50 mm Hg), which is the best form of treatment?

- A:-Sildenafil
 - B:-Bosentan
 - C:-Epoprostenol
 - D:-None
- Correct Answer:- Option-D

Question65:-Which among the following is the most pathognomonic radiologic sign of ABPA?

- A:-Central bronchiectasis
 - B:-High attenuation mucus
 - C:-Gloved finger sign
 - D:-Fleeting shadows
- Correct Answer:- Option-B

Question66:-Which among the following pattern of calcification in a SPN is considered to increase likelihood of malignancy?

- A:-Popcorn
 - B:-Diffuse
 - C:-Stippled
 - D:-Laminated
- Correct Answer:- Option-C

Question67:-According to current TNM classification of Non Small Cell Ca lung, a tumor of size 6 cm in right upper lobe with a satellite nodule of 1 cm in the same lobe, subcarinal lymph node and pleural fluid cytology positive belongs to which stage?

- A:-T2N1M1a
- B:-T3N1M1a
- C:-T2N2M1b
- D:-T3N2M1a

Correct Answer:- Option-D

Question68:-Which of the following IHC stains is most useful for identifying adenocarcinoma of pulmonary origin from metastatic lesions?

- A:-Calretinin & CK5/6
- B:-Synaptophysin & chromogranin
- C:-Thyroid transcription factor & thyroglobulin
- D:-P63

Correct Answer:- Option-C

Question69:-Which is the commonest cell type of scar carcinoma?

- A:-Squamous cell carcinoma
- B:-Adeno carcinoma
- C:-Small cell carcinoma
- D:-Large cell carcinoma

Correct Answer:- Option-B

Question70:-Positive predictors of response to EGFR targeted therapy in lung cancer include all the following except:

- A:-Asian ethnicity
- B:-Never smokers
- C:-Adenocarcinoma
- D:-K-ras mutations

Correct Answer:- Option-D

Question71:-Pemberton's sign is used to demonstrate which disease?

- A:-Pulmonary embolism
- B:-Pleural effusion
- C:-Retrosternal goiter
- D:-Pancoast tumour

Correct Answer:- Option-C

Question72:-Most common location for ectopic parathyroid tumour is

- A:-Anterior mediastinum
- B:-Posterior mediastinum
- C:-Chest wall
- D:-None of above

Correct Answer:- Option-A

Question73:-Calcification in mediastinal neuroblastoma is

- A:-Rare
- B:-Seen in 50%
- C:-Seen in 80%
- D:-Usually do not calcify

Correct Answer:- Option-C

Question74:-In castleman's disease HHV 8 is implicated in pathogenesis of

- A:-Multicentric disease
- B:-Unicentric disease
- C:-Both
- D:-Not associated

Correct Answer:- Option-A

Question75:-Which of following statements regarding Solitary fibrous tumour of pleura are true

- A:-Also called benign mesothelioma
- B:-Asbestos is a known etiologic factor
- C:-Even in malignant cases carries good prognosis
- D:-Hypoglycaemia is seen in upto 40%

Correct Answer:- Option-B

Question76:-In USG assessment of pleural effusion, effusion is assessed as moderate if

- A:-Within the area covered by 3.5 MHz curvilinear probe
- B:-Between the range of one to two probes

C:-Between the range of one to three probes

D:-Between the range of two to four probes

Correct Answer:- Option-B

Question77:-Which of the following USG finding is a definite sign of pneumothorax

A:-Absence lung slide

B:-Absence of lung pulse

C:-Presence of lung point

D:-Presence of A lines

Correct Answer:- Option-C

Question78:-Which is the worst prognostic indicator among the following regarding parapneumonic effusion

A:-Pleural fluid pH ≤ 7.2

B:-Pleural fluid LDH > 3 times normal upper limit of serum LDH

C:-Presence of moderate effusion

D:-Pleural fluid polymorphonuclear elastase level $\geq 1500 \mu\text{g/ml}$

Correct Answer:- Option-B

Question79:-Regarding TNM staging of malignant mesothelioma, which of the following is T3

A:-Tumour invading ipsilateral chest wall muscle

B:-Tumour invading ipsilateral cervical tissue

C:-Tumour invading ipsilateral diaphragm

D:-Tumour invading pericardium

Correct Answer:- Option-A

Question80:-Explosive pleuritis is

A:-Rupture of an abscess into pleural cavity causing sudden development of pyopneumothorax

B:-Rupture of infected bulla causing sudden development of pyopneumothorax

C:-Rapid development of pleural effusion despite minimal pneumonia in Streptococcus pyogenes infection

D:-Rapid development of pleural effusion in miliary tuberculosis

Correct Answer:- Option-C

Question81:-Obesity hypoventilation syndrome is defined as

A:-BMI $\geq 30\text{kg/m}^2$ and daytime awake PaCO₂ $\geq 45\text{mm Hg}$

B:-BMI $\geq 35\text{kg/m}^2$ and daytime awake PaCO₂ $\geq 45\text{mm Hg}$

C:-BMI $\geq 30\text{kg/m}^2$ and daytime awake PaCO₂ $\geq 55\text{mm Hg}$

D:-BMI $\geq 35\text{kg/m}^2$ and daytime awake PaCO₂ $\geq 50\text{mm Hg}$

Correct Answer:- Option-A

Question82:-Regarding fluid resuscitation in septic shock which of the following statement is correct

A:-Normal saline is the most preferred crystalloid

B:-Colloids like Hydroxyethyl starch is preferred to maintain intravascular volume

C:-Normal saline is preferred over Ringer lactate

D:-When large volume is infused, normal saline may cause renal damage

Correct Answer:- Option-D

Question83:-Which statement is most accurate regarding pneumococcal vaccine

A:-All persons ≥ 65 years should receive PPSV23

B:-All persons ≥ 65 years should receive PCV13

C:-All persons ≥ 65 years should first receive PPSV23 followed by PCV13

D:-All persons ≥ 65 years should first receive PCV13 followed by PPSV23

Correct Answer:- Option-D

Question84:-Long term ventilation is defined as requirement of daily ventilator support for more than

A:-6 weeks

B:-3 months

C:-4 months

D:-6 months

Correct Answer:- Option-B

Question85:-Clinical pulmonary infection score is considered to be positive if it is equal to or more than

A:-4

B:-5

C:-6

D:-7

Correct Answer:- Option-C

Question86:-K complex is

A:-Well delineated negative sharp wave followed by a positive component lasting at least 0.5 sec duration

B:-Well delineated negative sharp wave followed by a positive component lasting less than 0.5 sec duration

C:-Well delineated positive sharp wave followed by a negative component lasting at least 0.5 sec duration

D:-Well delineated positive sharp wave followed by a negative component lasting less than 0.5 sec duration

Correct Answer:- Option-A

Question87:-Regarding CPAP titration in OSA, which of the following statement is correct

A:-Optimal titration reduces RDI to <5 per hour for at least 15-min duration and should include supine REM sleep that is not continually interrupt by spontaneous arousals or awakenings

B:-Optimal titration reduced RDI to <5 per hour for at least a 30-min duration and should include supine REM sleep that is not continually interrupted by spontaneous arousals or awakenings

C:-Optimal titration reduced RDI to <5 per hour for at least a 1 hour duration and should include supine REM sleep that is not continually interrupted by spontaneous arousals or awakenings

D:-Optimal titration reduces total respiratory disturbance to less than 10 in 3 hours of sleep and should include supine REM sleep that is not continually interrupted by spontaneous or awakenings

Correct Answer:- Option-A

Question88:-Which one of the following anticoagulant can be used without initial parenteral anticoagulation in pulmonary thromboembolism

A:-Dabigatran

B:-Rivaroxaban

C:-Vit K antagonists

D:-Apixaban

Correct Answer:- Option-B

Question89:-As per ACCP guidelines, in patients with a first venous thromboembolism that is an unprovoked proximal DVT of the leg or pulmonary embolism and who have a high bleeding risk, duration of anticoagulation is

A:-3 months

B:-6 months

C:-12 months

D:-24 months

Correct Answer:- Option-A

Question90:-Recommended dose of talc for pleurodesis in malignant effusion is

A:-2-3 gms

B:-3-4 gms

C:-4-6 gsm

D:-6-7 gsm

Correct Answer:- Option-C

Question91:-Which of the following is NOT a preferred recommendation for prevention of ventilator associated pneumonia

A:-Drainage of sub-glottic secretions

B:-Elevation of head end of bed

C:-Closed suction of endotracheal tube

D:-Early tracheostomy

Correct Answer:- Option-D

Question92:-Regarding NIV use, which of the following statement is wrong

A:-Fluid overload commonly contributes to NIV failure in patients with OHS

B:-Forced diuresis may be useful to prevent NIV failure in patients with OHS

C:-NIV should not be used in patients with acute asthma exacerbations and AHRF

D:-In patients with non-CF bronchiectasis with AHRF, NIV should not be tried

Correct Answer:- Option-D

Question93:-Weaning from mechanical ventilation is prolonged if the time duration is more than

A:-3 days

B:-5 days

C:-7 days

D:-10 days

Correct Answer:- Option-C

Question94:-Which among the following is an indication for veno venous ECMO

A:-Hypoxemic respiratory failure in patients with a high risk of mortality (patients with PaO₂/FIO₂ < 100mm Hg with FIO₂ > 90% and Murray score of 2)

B:-Hypoxemic respiratory failure in patients with a high risk of mortality (patients with PaO₂/FIO₂ < 80 mm Hg with FIO₂ > 90% and Murray score of 3 to 4)

C:-Hypoxemic respiratory failure in patients with a high risk of mortality (patients with PaO₂/FIO₂ < 100mm Hg with FIO₂ > 60% and Murray score of 3 to 4)

D:-Hypoxemic respiratory failure in patients with a high risk of mortality (patients with PaO₂/FIO₂ < 80mm Hg with FIO₂ > 60% and Murray score of 2 to 3)

Correct Answer:- Option-B

Question95:-Which of the following statement about clinical effect of obesity on ARDS is correct?

- A:-Risk of developing ARDS is decreased in obese patients
- B:-Risk of developing ARDS is increased in obese patients
- C:-Mortality from ARDS is increased in obese patients
- D:-Obesity has no effect on outcome of ARDS

Correct Answer:- Option-B

Question96:-According to ATS guidelines which among the following is the preferred option for microbiologic diagnosis of VAP

- A:-Noninvasive sampling with semiquantitative cultures
- B:-Invasive sampling with quantitative cultures
- C:-Noninvasive sampling with quantitative cultures
- D:-Mini BAL culture

Correct Answer:- Option-A

Question97:-Patients with scoliosis will have significant ventilator impairment if the Cobb angle is more than

- A:-60 degrees
- B:-75 degrees
- C:-90 degrees
- D:-100 degrees

Correct Answer:- Option-D

Question98:-In patients with acute type 1 respiratory failure, Oxygen flow should be adjusted to maintain SpO₂ around

- A:-88-92%
- B:-94-98%
- C:-90-94%
- D:-92-95%

Correct Answer:- Option-B

Question99:-Which among the following is not a feature of nicotine withdrawal

- A:-Tachycardia
- B:-Restlessness
- C:-Increased appetite or weight gain
- D:-Difficulty concentrating

Correct Answer:- Option-A

Question100:-As per surviving sepsis campaign, for resuscitation of a patient with septic shock, which of the following recommendation is correct

- A:-At least 20mL/kg of IV crystalloid fluid be given within the first 4 hours
- B:-At least 20mL/kg of IV crystalloid fluid be given within the first 3 hours
- C:-At least 30mL/kg of IV crystalloid fluid be given within the first 4 hours
- D:-At least 30mL/kg of IV crystalloid fluid be given within the first 3 hours

Correct Answer:- Option-D