

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA - 8  
M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2022

SECOND M.B.B.S. EXAMINATION

**PHARMACOLOGY - PAPER-II (Set – A)**

(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks : 20

Note : Answer all questions

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**SECTION-I (MCQs- 20 MARKS)**

1x20=20

- 1) All of the following antimalarial drugs are 4-aminoquinoline derivatives EXCEPT
  - a. Chloroquine
  - b. Piperaquine
  - c. Primaquine
  - d. Amodiaquine
- 2) Which of the following combination is the current gold standard treatment for HIV associated cryptococcal meningitis
  - a. Flucytosine + Amphotericin B
  - b. Fluconazole + Amphotericin B
  - c. Voriconazole + Flucytosine
  - d. Fluconazole + Caspofungin
- 3) Which of the following antimicrotubular agent is used in the treatment of prostate cancer
  - a. Paclitaxel
  - b. Docetaxel
  - c. Estramustine
  - d. Vincristine
- 4) Which of the following amphotericin formulations is least likely to cause infusion – related reactions
  - a. Amphotericin B deoxycholate
  - b. Amphotericin B colloidal dispersion
  - c. Amphotericin B lipid complex
  - d. Liposomal amphotericin B
- 5) Cephalosporin used in MRSA infection
  - a. Ceftaroline
  - b. Ceftalozane
  - c. Ceftazidime
  - d. Cefotaxime

- 6) The thiazolidinedione withdrawn from the market due to hepatotoxicity is
  - a. Pioglitazone
  - b. Rosiglitazone
  - c. Troglitazone
  - d. Lobeglitazone
- 7) Synthetic levothyroxine is stored in dark bottles to
  - a. Minimize spontaneous deiodination
  - b. Avoid changes in brand bioavailability
  - c. Improve efficacy
  - d. Reduce product antigenicity
- 8) Drugs inhibiting 5' – deiodinase and decreasing T3 level include all of the following EXCEPT
  - a. Lithium
  - b. Amiodarone
  - c. Beta-blockers
  - d. Propylthiouracil
- 9) The Selective Estrogen Receptor Modular (SERM) that is approved for the treatment of menopausal symptoms and for prophylaxis of postmenopausal osteoporosis in combination with conjugated estrogen is
  - a. Lasofoxifene
  - b. Raloxifene
  - c. Bazedoxifene
  - d. Toremifene
- 10) Antacid combinations for well sustained effect are most likely composed of
  - a. Calcium and magnesium salts
  - b. Calcium and aluminum salts
  - c. Aluminum and magnesium salts
  - d. Sodium bicarbonate and magnesium salts
- 11) QT interval prolongation occurs as an adverse effect of
  - a. Domperidone
  - b. Metoclopramide
  - c. Cisapride
  - d. Omeprazole
- 12) Atropine is added to commercial preparations containing diphenoxylate to
  - a. Potentiate us anti-spasmodic effect
  - b. To reduce excretion of salt and water
  - c. To prevent overdose and discourage opioid dependence
  - d. To prolong its duration of action

- 13) Which of the following metabolic adverse effect is caused by cyclosporine
  - a. Hypokalemia
  - b. Hyperkalemia
  - c. Hypercalcemia
  - d. Hypocalcemia
- 14) Which of the following has immunostimulant action
  - a. Prednisolone
  - b. Levamisole
  - c. Cyclosporine
  - d. Thalidomide
- 15) An Ectoparasiticide which induce CYP isoenzymes and produce cardiac arrhythmias is
  - a. Permethrin
  - b. Sulfur
  - c. Crotamiton
  - d. Lindane
- 16) Which of the following type of Human Papillomavirus (HPV) vaccine is used for prevention of cervical cancers in female
  - a. Bivalent vaccine (HPV2)
  - b. Quadrivalent vaccine (HPV4)
  - c. Pentavalent vaccine (HPV5)
  - d. 9 valent vaccine (HPV9)
- 17) The following anti-epileptic can also be used in the management of obesity
  - a. Valproate
  - b. Lamotrigine
  - c. Lacosamide
  - d. Topiramate
- 18) Which of the following is given to treat chemotherapy induced thrombocytopenia
  - a. Epoetin alfa
  - b. Plerixafor
  - c. Filgrastim
  - d. Oprelvekin
- 19) Which of the following GP IIB/IIIa antagonist is a peptide
  - a. Abciximab
  - b. Tirofiban
  - c. Eptifibatide
  - d. Ticagrelor
- 20) Anticoagulant that can be given in Heparin induced Thrombocytopenia (HIT) is
  - a. Dalteparin
  - b. Warfarin
  - c. Fondaparinux
  - d. Enoxaparin

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M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2022  
SECOND M.B.B.S. EXAMINATION

**PHARMACOLOGY - PAPER-II (Set – B)**

(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks : 20

Note : Answer all questions

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**SECTION-I (MCQs- 20 MARKS)**

1x20=20

- 1) Which of the following amphotericin formulations is least likely to cause infusion – related reactions
  - a. Amphotericin B colloidal dispersion
  - b. Amphotericin B lipid complex
  - c. Liposomal amphotericin B
  - d. Amphotericin B deoxycholate
  
- 2) Which of the following antimicrotubular agent is used in the treatment of prostate cancer
  - a. Docetaxel
  - b. Estramustine
  - c. Vincristine
  - d. Paclitaxel
  
- 3) Which of the following combination is the current gold standard treatment for HIV associated cryptococcal meningitis
  - a. Fluconazole + Amphotericin B
  - b. Voriconazole + Flucytosine
  - c. Fluconazole + Caspofungin
  - d. Flucytosine + Amphotericin B
  
- 4) All of the following antimalarial drugs are 4-aminoquinoline derivatives EXCEPT
  - a. Piperaquine
  - b. Primaquine
  - c. Amodiaquine
  - d. Chloroquine
  
- 5) Drugs inhibiting 5' – deiodinase and decreasing T3 level include all of the following EXCEPT
  - a. Amiodarone
  - b. Beta-blockers
  - c. Propylthiouracil
  - d. Lithium

Contd ... 2

- 6) Synthetic levothyroxine is stored in dark bottles to
  - a. Avoid changes in brand bioavailability
  - b. Improve efficacy
  - c. Reduce product antigenicity
  - d. Minimize spontaneous deiodination
- 7) The thiazolidinedione withdrawn from the market due to hepatotoxicity is
  - a. Rosiglitazone
  - b. Troglitazone
  - c. Lobeglitazone
  - d. Pioglitazone
- 8) Cephalosporin used in MRSA infection
  - a. Ceftalozane
  - b. Ceftazidime
  - c. Cefotaxime
  - d. Ceftaroline
- 9) Atropine is added to commercial preparations containing diphenoxylate to
  - a. To reduce excretion of salt and water
  - b. To prevent overdose and discourage opioid dependence
  - c. To prolong its duration of action
  - d. Potentiate its anti-spasmodic effect
- 10) QT interval prolongation occurs as an adverse effect of
  - a. Metoclopramide
  - b. Cisapride
  - c. Omeprazole
  - d. Domperidone
- 11) Antacid combinations for well sustained effect are most likely composed of
  - a. Calcium and aluminum salts
  - b. Aluminum and magnesium salts
  - c. Sodium bicarbonate and magnesium salts
  - d. Calcium and magnesium salts
- 12) The Selective Estrogen Receptor Modular (SERM) that is approved for the treatment of menopausal symptoms and for prophylaxis of postmenopausal osteoporosis in combination with conjugated estrogen is
  - a. Raloxifene
  - b. Bazedoxifene
  - c. Toremifene
  - d. Lasofoxifene

- 13) Which of the following type of Human Papillomavirus (HPV) vaccine is used for prevention of cervical cancers in female
  - a. Quadrivalent vaccine (HPV4)
  - b. Pentavalent vaccine (HPV5)
  - c. 9 valent vaccine (HPV9)
  - d. Bivalent vaccine (HPV2)
- 14) An Ectoparasiticide which induce CYP isoenzymes and produce cardiac arrhythmias is
  - a. Sulfur
  - b. Crothamiton
  - c. Lindane
  - d. Permethrin
- 15) Which of the following has immunostimulant action
  - a. Prednisolone
  - b. Levamisole
  - c. Cyclosporine
  - d. Thalidomide
- 16) Which of the following metabolic adverse effect is caused by cyclosporine
  - A. Hypokalemia
  - B Hyperkalemia
  - C Hypercalcemia
  - D Hypocalcemia
- 17) Anticoagulant that can be given in Heparin induced Thrombocytopenia (HIT) is
  - a. Warfarin
  - b. Fondaparinux
  - c. Enoxaparin
  - d. Dalteparin
- 18) Which of the following GP IIB/IIIa antagonist is a peptide
  - a. Tirofiban
  - b. Eptifibatide
  - c. Ticagrelor
  - d. Abciximab
- 19) Which of the following is given to treat chemotherapy induced thrombocytopenia
  - a. Plerixafor
  - b. Filgrastim
  - c. Oprelvekin
  - d. Epoetin alfa
- 20) The following anti-epileptic can also be used in the management of obesity
  - a. Lamotrigine
  - b. Lacosamide
  - c. Topiramate
  - d. Valproate

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M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2022  
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**PHARMACOLOGY - PAPER-II (Set – C)**

(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks : 20

Note : Answer all questions

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**SECTION-I (MCQs- 20 MARKS)**

1x20=20

- 1) Which of the following antimicrotubular agent is used in the treatment of prostate cancer
  - a. Estramustine
  - b. Vincristine
  - c. Paclitaxel
  - d. Docetaxel
- 2) All of the following antimalarial drugs are 4-aminoquinoline derivatives EXCEPT
  - a. Primaquine
  - b. Amodiaquine
  - c. Chloroquine
  - d. Piperaquine
- 3) Which of the following amphotericin formulations is least likely to cause infusion – related reactions
  - a. Amphotericin B lipid complex
  - b. Liposomal amphotericin B
  - c. Amphotericin B deoxycholate
  - d. Amphotericin B colloidal dispersion
- 4) Which of the following combination is the current gold standard treatment for HIV associated cryptococcal meningitis
  - a. Voriconazole + Flucytosine
  - b. Fluconazole + Caspofungin
  - c. Flucytosine + Amphotericin B
  - d. Fluconazole + Amphotericin B
- 5) Synthetic levothyroxine is stored in dark bottles to
  - A Minimize spontaneous deiodination
  - B Avoid changes in brand bioavailability
  - C Improve efficacy
  - D Reduce product antigenicity

Contd .... 2

- 6) Cephalosporin used in MRSA infection
  - a. Ceftalozane
  - b. Ceftazidime
  - c. Cefotaxime
  - d. Ceftaroline
- 7) Drugs inhibiting 5' – deiodinase and decreasing T3 level include all of the following EXCEPT
  - a. Amiodarone
  - b. Beta-blockers
  - c. Propylthiouracil
  - d. Lithium
- 8) The thiazolidinedione withdrawn from the market due to hepatotoxicity is
  - a. Rosiglitazone
  - b. Troglitazone
  - c. Lobeglitazone
  - d. Pioglitazone
- 9) QT interval prolongation occurs as an adverse effect of
  - a. Metoclopramide
  - b. Cisapride
  - c. Omeprazole
  - d. Domperidone
- 10) The Selective Estrogen Receptor Modular (SERM) that is approved for the treatment of menopausal symptoms and for prophylaxis of postmenopausal osteoporosis in combination with conjugated estrogen is
  - a. Bazedoxifene
  - b. Toremifene
  - c. Lasofoxifene
  - d. Raloxifene
- 11) Atropine is added to commercial preparations containing diphenoxylate to
  - a. Potentiate us anti-spasmodic effect
  - b. To reduce excretion of salt and water
  - c. To prevent overdose and discourage opioid dependence
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- 12) Antacid combinations for well sustained effect are most likely composed of
  - a. Aluminum and magnesium salts
  - b. Sodium bicarbonate and magnesium salts
  - c. Calcium and magnesium salts
  - d. Calcium and aluminum salts



- 13) An Ectoparasiticide which induce CYP isoenzymes and produce cardiac arrhythmias is
- Crotamiton
  - Lindane
  - Permethrin
  - Sulfur
- 14) Which of the following metabolic adverse effect is caused by cyclosporine
- Hypokalemia
  - Hyperkalemia
  - Hypercalcemia
  - Hypocalcemia
- 15) Which of the following type of Human Papillomavirus (HPV) vaccine is used for prevention of cervical cancers in female
- Bivalent vaccine (HPV2)
  - Quadrivalent vaccine (HPV4)
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- 16) Which of the following has immunostimulant action
- Prednisolone
  - Levamisole
  - Cyclosporine
  - Thalidomide
- 17) Which of the following GP IIB/IIIa antagonist is a peptide
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  - Tirofiban
  - Eptifibatide
  - Ticagrelor
- 18) The following anti-epileptic can also be used in the management of obesity
- Valproate
  - Lamotrigine
  - Lacosamide
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- 19) Anticoagulant that can be given in Heparin induced Thrombocytopenia (HIT) is
- Dalteparin
  - Warfarin
  - Fondaparinux
  - Enoxaparin
- 20) Which of the following is given to treat chemotherapy induced thrombocytopenia
- Epoetin alfa
  - Plerixafor
  - Filgrastim
  - Oprelvekin

Time : 20 Minutes

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  - b. Flucytosine + Amphotericin B
  - c. Fluconazole + Amphotericin B
  - d. Voriconazole + Flucytosine
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  - a. Liposomal amphotericin B
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  - a. Lobeglitazone
  - b. Pioglitazone
  - c. Rosiglitazone
  - d. Troglitazone

- 6) Drugs inhibiting 5' – deiodinase and decreasing T3 level include all of the following EXCEPT
  - a. Propylthiouracil
  - b. Lithium
  - c. Amiodarone
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