Shri Shivaji Education Society Amravati's Science College, Congress Nagar , Nagpur

U.G Department of Biotechnology

B. Sc Semester IV (2019-20) Biotechnology Paper I

Name of the Teacher- Ms. Sanchari Sarkar

| S. No | Name of | | Topics |
|-------|-----------|----------|------------------------------------|
| | Student | | 8 |
| 1. | Singh | Meghna | various types of hypersensitivity |
| 2. | Barapatre | Shreya | Hybridoma technology |
| 3. | Behune | Anshul | brief idea of MHC |
| 4. | Belekar | Khushi | main pathways of complement system |
| 5. | Bhagat | Triveni | Concept of autoimmunity |
| 6. | Bhongade | Bhavana | Antibody structure and classes |
| 7. | Bisen | Bhumesh | Immunological Techniques |
| 8. | Borikar | Riya | various types of hypersensitivity |
| 9. | Bute | Niharika | main pathways of complement system |
| 10. | Chalakh | Ganraj | Immunological Techniques |
| 11. | Chande | Devarshi | Organs and cells of immune system |
| 12. | Charde | Aditi | Antibody structure and classes |
| 13. | Chaudhari | Veena | Concept of autoimmunity |
| 14. | Chopkar | Rashmi | Immunological Techniques |
| 15. | Chourasia | Shakshi | various types of hypersensitivity |
| 16. | Dahake | Namrata | main pathways of complement system |

| 18. | Deotale | Dushyant | NK cell mediated immunity |
|-----|------------|------------|---|
| 19. | Deshmukh | Rituja | Hybridoma technology |
| 20. | Dhanorkar | Tanvi | Immune system |
| 21. | Dhote | Mihir | Organs and cells of immune system |
| 22. | Diwale | Pranjalee | main pathways of complement system |
| 23. | Dubey | Rashmi | delayed type hypersensitivity |
| 24. | Dudani | Amisha | Antigenecity (factors affecting antigenecity) |
| 25. | Futane | Meghana | brief idea of MHC |
| 26. | Gaikwad | Sanket | NK cell mediated immunity |
| 27. | Gedam | Vaishnavi | various types of hypersensitivity |
| 28. | Godbole | Akanksha | Immunological Techniques |
| 29. | Gupta | Swati | various types of hypersensitivity |
| 30. | Hedaoo | Charudatta | main pathways of complement system |
| 31. | Joshi | Pranjali | Immunological Techniques |
| 32. | Kadpati | Suvarna | Immunological Techniques |
| 33. | Kale | Priti | various types of hypersensitivity |
| 34. | Kamale | Sanjeevani | Hybridoma technology |
| 35. | Khadatkar | Diksha | brief idea of MHC |
| 36. | Kharchwal | Vishal | main pathways of complement system |
| 37. | Khiani | Osheen | Concept of autoimmunity |
| 38. | Khotewale | Arundhati | Antibody structure and classes |
| 39. | Kshirsagar | Priyanka | Immunological Techniques |
| 40. | Kumbhare | Yash | various types of hypersensitivity |
| 41. | Kurhekar | Badal | main pathways of complement system |
| 42. | Madavi | Diksha | Immunological Techniques |

| 43. | Kamble | Shiwalee | Organs and cells of immune system |
|-----|------------|-----------|---|
| 44. | Ghugal | Vaishnavi | Antibody structure and classes |
| 45. | Meshram | Prajakta | Concept of autoimmunity |
| 46. | Mohadikar | Minal | Immunological Techniques |
| 47. | Motwani | Nikita | various types of hypersensitivity |
| 48. | Muneshwar | Pranali | main pathways of complement system |
| 49. | Nagdeve | Simran | Organs and cells of immune system |
| 50. | Nagpure | Shrutika | NK cell mediated immunity |
| 51. | Naik | Sakshi | Hybridoma technology |
| 52. | Nanwani | Kunjan | Immune system |
| 53. | Panchbhai | Tapashu | Organs and cells of immune system |
| 54. | Parkhi | Pooja | main pathways of complement system |
| 55. | Patki | Swarali | delayed type hypersensitivity |
| 56. | Pillewan | Shashwati | Antigenecity (factors affecting antigenecity) |
| 57. | Pote | Pallavi | brief idea of MHC |
| 58. | Rahangdale | Suchi | NK cell mediated immunity |
| 59. | Rajora | Karishma | various types of hypersensitivity |
| 60. | Ramteke | Ashutosh | Concept of autoimmunity |
| 61. | Rathod | Pallavi | Immunological Techniques |
| 62. | Raut | Anchal | various types of hypersensitivity |
| 63. | Raut | Pratiksha | main pathways of complement system |
| 64. | Raut | Vastav | Organs and cells of immune system |
| 65. | Sahu | Amisha | NK cell mediated immunity |
| 66. | Salodkar | Antara | Hybridoma technology |
| 67. | Samarth | Surabhi | Immune system |

| | | 11 Cimmune system |
|-----------|---|---|
| Satpute | Samiksha | Organs and cells of immune system |
| Sharma | Jyoti | main pathways of complement system |
| Shende | Mrunali | delayed type hypersensitivity |
| Shingne | Vishvaja | Antigenecity (factors affecting antigenecity) |
| Singh | Janhvi | brief idea of MHC |
| Singh | Mayuri | NK cell mediated immunity |
| Singh | Siddhi | various types of hypersensitivity |
| Tandulkar | Pranjali | various types of hypersensitivity |
| Telang | Shreyash | Hybridoma technology |
| Thool | Sajesh | brief idea of MHC |
| Tiwari | Apurva | main pathways of complement system |
| Tiwari | Khushi | Concept of autoimmunity |
| Tumsare | Harshali | Antibody structure and classes |
| Uke | Aditya | Immunological Techniques |
| Upshyam | Neha | various types of hypersensitivity |
| Wairagade | Vaishnavi | main pathways of complement system |
| Wakalkar | Vaishnavi | Immunological Techniques |
| Wanjari | Darshan | Organs and cells of immune system |
| Wankhede | Samiksha | Antibody structure and classes |
| Watulkar | Urmila | Concept of autoimmunity |
| . Zade | Nikhil | Antibody structure and classes |
| | Sharma Shende Shingne Singh Singh Singh Tandulkar Telang Thool Tiwari Tiwari Tumsare Uke Upshyam Wairagade Wakalkar Wanjari Wankhede Watulkar | Sharma Jyoti Shende Mrunali Shingne Vishvaja Singh Janhvi Singh Mayuri Singh Siddhi Tandulkar Pranjali Telang Shreyash Thool Sajesh Tiwari Apurva Tiwari Khushi Tumsare Harshali Uke Aditya Upshyam Neha Wairagade Vaishnavi Wakalkar Vaishnavi Wanjari Darshan Wankhede Samiksha Watulkar Urmila |

Signature of the Teacher
Ms. Sanchari Sarkar

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U.G Department of Biotechnology

B. Sc Semester IV (2019-20) Biotechnology Paper II

Name of the Teacher- Ms. Deepthi Hynal

| S.NO 1. | NAME | | TOPICS | |
|----------------|-----------|----------|--|--|
| | Singh | Meghna | Gel electrophoresis | |
| 2. | Barapatre | Shreya | Falling drop method for deuterium measurement | |
| 3. | Behune | Anshul | SDS-PAGE Electrophoresis | |
| 4. | Belekar | Khushi | types of centrifuges | |
| 5. | Bhagat | Triveni | Pulsed-field gel electrophoresis | |
| 6. | Bhongade | Bhavana | Basic concepts of mean, median, mode, Standard deviation and Standard error | |
| 7. | Bisen | Bhumesh | Gel electrophoresis | |
| 8. | Borikar | Riya | SDS-PAGE Electrophoresis | |
| 9. | Bute | Niharika | Falling drop method for deuterium measurement | |
| 10. | Chalakh | Ganraj | Isoelectric focussing | |
| 11. | Chande | Devarshi | Principles of tracer technique, advantages and limitations | |
| 12. | Charde | Aditi | Units of radioactivity | |
| 13. | Chaudhari | Veena | Isoelectric focussing | |
| 14. | Chopkar | Rashmi | SDS-PAGE Electrophoresis | |
| 15. | Chourasia | Shakshi | Mass spectrometry | |
| 16. | Dahake | Namrata | Principles of tracer technique, advantages and limitations | |

| 17. | Dahale | Rutuja | Pulsed-field gel electrophoresis |
|-----|--------------|-------------|--|
| 18. | Deotale | Dushyant | Differential and density gradient centrifugation |
| 19. | Deshmukh | Rituja | Factors affecting electrophoretic mobility |
| 20. | Dhanorkar | Tanvi | Falling drop method for deuterium measurement |
| 21. | Dhote | Mihir | Migration of ions in electric field |
| 22. | Diwale | Pranjalee | Isoelectric focussing |
| 23. | Dubey | Rashmi | types of centrifuges |
| 24. | Dudani | Amisha | Gel electrophoresis |
| 25. | Futane | Meghana | Myoglobin as an example of tertiary structure |
| 26. | Gaikwad | Sanket | Alpha -helix & Beta Helix |
| 27. | Gedam | Vaishnavi | Classification of amino acids |
| 28. | Godbole | Akanksha | Determination of primary structure |
| 29. | Gupta | Swati | Chemical structure and base composition of nucleic acid |
| 30. | Hedaoo | Charudatta | Classification of Amino acids |
| 31. | . Joshi | Pranjali | Chemical structure and base composition of nucleic acid |
| 32 | . Kadpati | Suvarna | concept of split genes |
| 33 | . Kale | Priti | types of centrifuges |
| 34 | 1. Kamale | Sanjeevani | Basic concepts of mean, median, mode, Standard deviation and Standard error |
| 3 | 5. Khadatkar | Diksha | Falling drop method for deuterium measurement |
| 3 | 6. Kharchwa | l Vishal | Gel electrophoresis |
| 3 | 37. Khiani | Osheen | Factors affecting electrophoretic mobility |
| 3 | 88. Khotewal | e Arundhati | Pulsed-field gel electrophoresis |

| 39. | Kshirsagar | Priyanka | Principles of tracer technique, advantages and limitations |
|-----|-------------|-----------|--|
| 40. | Kumbhare | Yash | Mass spectrometry |
| 41. | Kurhekar | Badal | Migration of ions in electric field |
| 42. | Madavi | Diksha | Basic concepts of mean, median, mode, Standard deviation and Standard error |
| 43. | Kamble | Shiwalee | types of centrifuges |
| 44. | Ghugal | Vaishnavi | Basic concepts of mean, median, mode, Standard deviation and Standard error |
| 45. | Meshram | Prajakta | Falling drop method for deuterium measurement |
| 46. | Mohadikar | Minal | Gel electrophoresis |
| 47. | Motwani | Nikita | Factors affecting electrophoretic mobility |
| 48. | Muneshwar | Pranali | Pulsed-field gel electrophoresis |
| 49. | Nagdeve | Simran | Principles of tracer technique, advantages and limitations |
| 50. | Nagpure | Shrutika | Mass spectrometry |
| 51. | Naik | Sakshi | Migration of ions in electric field |
| 52. | Nanwani | Kunjan | Basic concepts of mean, median, mode, Standard deviation and Standard error |
| 53 | . Panchbhai | Tapashu | Classification of amino acids |
| 54 | . Parkhi | Pooja | Determination of primary structure |
| 55 | 5. Patki | Swarali | Chemical structure and base composition of nucleic acid |
| 56 | 6. Pillewan | Shashwati | Classification of Amino acids |
| 5 | 7. Pote | Pallavi | Chemical structure and base composition of nucleic acid |
| 5 | 8. Rahangda | le Suchi | concept of split genes |
| 5 | 59. Rajora | Karishma | Units of radioactivity |

| 60. | Ramteke | Ashutosh | Isoelectric focussing |
|-----|-----------|-----------|--|
| 61. | Rathod | Pallavi | SDS-PAGE Electrophoresis |
| 62. | Raut | Anchal | Mass spectrometry |
| 63. | Raut | Pratiksha | Principles of tracer technique, advantages and limitations |
| 64. | Raut | Vastav | Pulsed-field gel electrophoresis |
| 65. | Sahu | Amisha | Differential and density gradient centrifugation |
| 66. | Salodkar | Antara | Factors affecting electrophoretic mobility |
| 67. | Samarth | Surabhi | Falling drop method for deuterium measurement |
| 68. | Satpute | Samiksha | Migration of ions in electric field |
| 69. | Sharma | Jyoti | Isoelectric focussing |
| 70. | Shende | Mrunali | types of centrifuges |
| 71. | Shingne | Vishvaja | Gel electrophoresis |
| 72. | Singh | Janhvi | Differential and density gradient centrifugation |
| 73. | Singh | Mayuri | Factors affecting electrophoretic mobility |
| 74. | Singh | Siddhi | Gel electrophoresis |
| 75. | Tandulkar | Pranjali | Falling drop method for deuterium measurement |
| 76. | Telang | Shreyash | SDS-PAGE Electrophoresis |
| 77. | Thool | Sajesh | types of centrifuges |
| 78. | Tiwari | Apurva | Pulsed-field gel electrophoresis |
| 79. | Tiwari | Khushi | Basic concepts of mean, median, mode, Standard deviation and Standard error |
| 80 | . Tumsare | Harshali | Gel electrophoresis |
| 81 | . Uke | Aditya | SDS-PAGE Electrophoresis |

| 82. | Upshyam | Neha | Falling drop method for deuterium measurement |
|-----|-----------|-----------|---|
| 83. | Wairagade | Vaishnavi | Isoelectric focussing Principles of tracer technique, advantages |
| 84. | Wakalkar | Vaishnavi | and limitations |
| 85. | Wanjari | Darshan | Pulsed-field gel electrophoresis Basic concepts of mean, median, mode, |
| 86. | Wankhede | Samiksha | Standard deviation and Standard error |
| 87. | Watulkar | Urmila | Gel electrophoresis SDS-PAGE Electrophoresis |
| 88. | Zade | Nikhil | SDS-PAGE Electrophoresis |

Deepthi Signature of the Teacher Ms. D. Deepthi Hynal

Gulhane Head of Department Dr. Pranita B Gulhane

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