1) What federal agency was the first to fund research grants?
   a. National Institutes of Health
   b. Office of Naval Research
   c. National Science Foundation
   d. US Department of Energy

2) What is the total project cost of a $500,000 Equipment Grant with a 20% match requirement, if the institution’s F&A rate is 50%?
   a. $500,000
   b. $750,000
   c. $625,000
   d. $937,500

3) The Department of Energy is over the
   a. Office of Science
   b. National Science Foundation
   c. Environmental Protection Agency
   d. Office of Naval Research

4) A Disclosure Statement is required for educational institutions that receive aggregate sponsored agreements totaling
   a. $100,000
   b. $500,000
   c. $10 Million
   d. $25 Million

5) Which of the following best describes when a substantial involvement is anticipated between the sponsor and recipient?
   a. a cooperative agreement
   b. a grant
   c. a fixed price contract
   d. a cost reimbursable contract

6) One module in a NIH Modular Grant is equal to
   a. $10,000
   b. $25,000
   c. $50,000
   d. $100,000

7) Which of following is not covered under expanded authorities?
   a. change in budget
   b. one year no cost extension
   c. change in PI
   d. 90 day pre-award costs

8) Cost incurred for a common purpose are considered
   a. direct costs
   b. indirect costs
   c. unallowable costs
   d. both direct and indirect costs

9) Which of the following is not a basic underlying ethical principle in the protection of human subjects?
   a. Justice
   b. Respect for Persons
   c. Beneficence
   d. Cure

10) A SF 272 reports the following
    a. non-federal cost share
    b. federal cash transactions
    c. federal expenditures
    d. all federal assistance
11) Which of the following covers cost principals?
   a. OMB Circular A-87
   b. OMB Circular A-102
   c. OMB Circular A-133
   d. 37 CFR Part 401

12) NSF salary for senior personnel is limited to
   a. 3 months
   b. 1 1/2 months
   c. 2 months
   d. 1 month

13) How often must the IACUC inspect facilities?
   a. annually
   b. quarterly
   c. when requested
   d. semi-annually

14) How many members are required on the Institutional Biosafety Committee?
   a. 2
   b. 3
   c. 4
   d. 5

15) The Office of Scientific Integrity is located within
   a. the National Institutes of Health
   b. the Office of Science
   c. the Office of Naval Research
   d. the Department of Energy

16) Which of the following establishes the conditions for the use & disclosure of individual
    identifiable health information?
   a. OMB Circular A-21
   b. the IRB committee
   c. HIPAA
   d. the PI

17) Which of the following will generally not be released under a FOIA request?
   a. Notice of Grant Award
   b. Final Technical Report
   c. Report of Expenditures
   d. Salaries of named personnel

18) The Intergovernmental Personnel Act covers
   a. the temporary exchange of employees within federal agencies
   b. the hiring process of federal employees
   c. the termination process of federal employees
   d. the permanent exchange of employees within federal agencies

19) The Bayh-Dole Act addresses
   a. ownership of tangible property
   b. the hiring of employees
   c. ownership of intellectual property
   d. the purchase of Dole fruit

20) NSF has a statutory cost share requirement for large universities of
   a. 1%
   b. 2%
   c. 5%
   d. 10%

21) When subcontracting with federal funds you may
   a. collect F&A on the entire subcontract
   b. collect F&A on the first $10,000 of the sub
   c. collect F&A on the first $25,000 of the sub
   d. collect F&A on only the salary of the sub
22) Which of the following government publications serves as a comprehensive handbook of current funding programs?
   a. OMB Circular A-110
   b. Federal Yellow Book
   c. The Catalog of Federal Funding
   d. Catalog of Federal Domestic Assistance

23) The Federal Animal Welfare Act applies to which of the following?
   a. vertebrate animals except rats, mice, and birds
   b. amphibians
   c. warm-blooded mammals
   d. non-human primates

24) A patent is good for how many years?
   a. 10 years from the date of filing
   b. life of inventor
   c. 20 years from the date of filing
   d. 100 years from the date of filing

25) The Office of Research Integrity is located in
   a. Office of Science
   b. Office of Research
   c. Office of Naval Research
   d. Department of Health & Human Services

26) The Simplified Method in determining allowable F&A cost may be used when the total direct cost of work covered by A-21 does not exceed
   a. $100,000
   b. $1 million
   c. $10 million
   d. $25 million

27) What is the effect of cost share on the F&A rate?
   a. increases rate
   b. decreases rate
   c. no effect
   d. cost share is not figured in the F&A rate

28) Which of the following best describes when the purpose is to acquire property or services for direct benefit or use by the federal government?
   a. a grant
   b. a cooperative agreement
   c. a contract
   d. a formula grant

29) Which of the following is the program income default alternative for research projects under A-110
   a. Additive
   b. Matching
   c. Deductive
   d. Program income not allowed

30) Which of the following fosters an intergovernmental partnership and strengthens federalism by relying on State & Local processes for the coordination and review of proposed Federal assistance?
   a. OMB Circular A-133
   b. Executive Order 12372
   c. 34 CFR Part 401
   d. FAR 31.2

31) The total project costs of grant A is $250,000. The institutional F&A rate (MTDC basis) is 40%. There is a required match of 30%. Assuming no equipment is requested what is the total direct cost requested?
   a. $125,000
   b. $175,000
   c. $178,571
   d. $250,000
32) Which of the following cost share types is not included in the organized research base for F&A rate proposals?
   a. Mandatory Committed
   b. Voluntary Committed
c. Voluntary Uncommitted
d. All cost share is included

33) What is the maximum annual direct cost of a NIH modular grant budget?
   a. $25,000
   b. $100,000
c. $200,000
d. $250,000

34) A cost that can be identified and charged to a particular project is considered a
   a. direct cost
c. unallowable cost
   b. indirect cost
d. both direct and indirect cost

35) Which of the following is the highest in the order of precedence?
   a. Special Terms & Conditions
   b. OMB Circulars
c. Administrative Regulations
d. Program Regulations

36) Which of the following covers audits?
   a. OMB A-21
   b. OMB A-110
c. OMB A-133
d. FAR 31.2

37) Which of the following covers Administrative Requirements?
   a. OMB A-21
   b. OMB A-102
c. OMB A-122
d. FAR 31.2

38) A vivarium is
   a. a place to bury research animals that
die during the course of the research project
   b. a place to mix various chemicals
together and observe their reaction
c. a place artificially arranged for keeping or raising living animals
d. a place to race solar powered vehicles

39) Which of the following concerns wage rates to laborers?
   a. Byrd Amendment
   b. Bayh-Dole Act
c. Davis-Bacon Act
d. Stevens Amendment

40) An F&A rate which is based on an estimate of the costs to be incurred during the period and
is applicable to a specified current or future period is considered
   a. a fixed rate
c. a provisional rate
   b. a predetermined rate
d. a final rate

41) The Animal Welfare Act is enforced by
   a. Department of Agriculture
c. National Institutes of Health
   b. Office of Lab Animal Welfare
d. the Public Health Service

42) The threshold for an A-133 single audit is
   a. $300,000 in expenses
c. $500,000 in expenses
   b. $300,000 in new funding
d. $500,000 in new funding
43) According to section J in OMB A-21 which of the following is unallowable?
   a. Patent Costs
   b. Memberships in a professional organization
   c. Reconversion Costs
   d. Lobbying Costs

44) According to A-110 which of the following must have prior approval to be used as cost share?
   a. Unrecovered IDC
   b. Third Party In-Kind
   c. PI Effort
   d. Travel

45) According to A-110 title to equipment acquired by a recipient of federal funds vests with
   a. awarding agency
   b. recipient
   c. PI
   d. federal government

46) Membership in the IRB must include
   a. member of the sponsored programs office
   b. member of the clergy
   c. member with primary concern in non-scientific area
   d. the PI

47) Which of the following is not an approval level for Human Subjects
   a. Expedited
   b. Full
   c. Exempt
   d. Partial

48) Animal use protocols must be reviewed
   a. annually
   b. semi-annual
   c. quarterly
   d. when requested

49) Which of the following is the cover sheet for application for federal assistance
   a. SF 269
   b. SF 271
   c. SF 424
   d. SF 502

50) Which of the following is not an alternative for program income under A-110?
   a. Deductive
   b. Additive
   c. Matching
   d. Personal Use

51) The cost accounting standards that apply to colleges and universities are detailed in
   a. A-110
   b. A-21
   c. A-133
   d. CFR 34

52) Which of the following best describes the system of uniform policies and procedures governing the acquisition or contracting actions of all executive agencies?
   a. FAR
   b. A-102
   c. A-87
   d. A-13

53) 100% effort of a faculty member is best described as
   a. 40 hours per week
   b. 80 hours per week
   c. the effort required to meet obligations
   d. 100 hours per week
54) A PI has a 12 month appointment. She often devotes 50-60 hours per week to her academic duties, which include serving as PI on two sponsored projects, working with graduate students, teaching and administration, and seeing patients in a dependent practice plan. She also serves as a consultant to several start-up companies in her area of expertise. Which portion of the PI’s duties need to be considered as part of her 100% effort?

a. All work
c. All work except her effort exceeding 40 hours in the week
b. All work except her outside consulting
d. All work except her effort on the two sponsored projects

55) Which best describes the right reserved by the federal government to prevent the under-utilization or inappropriate application of a patent invention

a. rights in data
c. march in rights
b. squatters rights
d. patent invention rights

d. R01 Grants

56) Which of the following best describes when a small business is required to team with a research institution to conduct research?

a. Small Business Innovation Research
c. Grants for Small Businesses
b. Small Business Technology Transfer
d. R01 Grants

57) Which best describes the procedures that allow an applicant to defer certification of IRB and IACUC approvals

a. the Belmont Procedures
c. Just in Time Procedures
b. Exempt Procedures
d. Expedited Procedures

58) ITAR is administered by

a. Department of Commerce
c. Department of Homeland Security
b. Department of State
d. Department of Free Trade

59) For a modular grant application which of the following is not required

a. Budget Narrative for all personnel by position
c. Detailed Budget
b. Form PHS 398
d. Application Checklist

60) iEdison is used to report

a. expenses
c. cost share
b. inventions
d. F&A rate calculation

61) A financial status report is due on a NIH award under Streamlined Non-Competing Award Process (SNAP)

a. quarterly
c. after each budget period
b. annually
d. at the end of the competitive segment

62) The National Science Board

a. establishes policies
c. conducts research
b. reviews grant proposals
d. reviews expenses on federal grants
63) Which best describes when a foreign national may be able to access export controlled items within the US
   a. Conflict of Interest  
   b. Deemed Export  
   c. Recognized Export  
   d. Research Export

64) Which of the following cost accounting standard does not apply to colleges and universities?
   a. Consistency in allocating costs  
   b. Accounting for unallowable costs  
   c. Consistency in estimating, accumulating and reporting costs  
   d. Accounting for the costs of compensated personnel absences

65) Which of the following is used when the procurement can only be defined in a general form?
   a. Request for Proposal  
   b. Broad Agency Announcement  
   c. Broad Request for Proposal  
   d. General Announcement for Proposal

66) Which of the following denies federal grants and contracts to educational institutions that prohibits senior ROTC units or military recruiting on campus?
   a. Solomon Amendment  
   b. Davis-Bacon Act  
   c. Bayh-Dole Act  
   d. Stevens Amendment

67) Which of the following were the first international standards for the protection of human subjects?
   a. Declarations of Helsinki  
   b. Belmont Report  
   c. Stevens Amendment  
   d. Nuremberg Code

68) Which of the following best describes a temporary F&A rate applicable to a specified period pending the establishment of an F&A rate?
   a. Fixed Rate  
   b. Provisional Rate  
   c. Final Rate  
   d. Predetermined Rate

69) Which of the following covers cost principals?
   a. A-133  
   b. A-102  
   c. A-21  
   d. A-110

70) Which of the following forms is used as an application for non-competing continuations?
   a. PHS 398  
   b. PHS 6246-1  
   c. SF 424  
   d. PHS 2590

71) What is the cap on administration of an F&A rate?
   a. 25%  
   b. 8%  
   c. 26%  
   d. 30%

72) According to A-21 the tests of allowability includes all of the following except
   a. must be reasonable  
   b. must be allocable  
   c. must pass the global test  
   d. must be consistently treated

73) Which of the following should normally be treated as an F&A cost?
   a. lab supplies  
   b. project travel  
   c. technical staff  
   d. clerical staff
74) A portion of project or program costs not borne by the federal government is best described as
   a. direct cost
   b. indirect cost
   c. cost share
   d. unallowable cost

75) Individuals signing effort reports should
   a. have suitable means of verification
   b. verify that effort does not exceed the budget amount
   c. verify that goals were met
   d. verify that outside consulting was documented

76) Which of the following would be considered electronic research administration?
   a. Catalog of Federal Domestic Assistance
   b. NIH Commons
   c. NSF Policy Manual
   d. Federal Yellow Book

77) Which of the following would not be an example of misconduct in science?
   a. manipulation of research data
   b. appropriations of another person's ideas
   c. difference of opinion
   d. reporting fabricated results

78) Which of the following best describes the institution’s responsibility to comply with the Drug Free Workplace Act?
   a. test employees semi-annual
   b. test employees annual
   c. acquire a drug sniffing dog
   d. establish an ongoing drug-free awareness program

79) Total project costs are equal to $800,000. F&A charged to the grant is equal to $200,000. Tuition remission charged to the grant is equal to $100,000. Assuming F&A is charged on MTDC what is the institution’s F&A rate?
   a. 25%
   b. 33%
   c. 40%
   d. 48%

80) The Food and Drug Administration falls under
   a. National Institutes of Health
   b. Department of Agriculture
   c. Department of Interior
   d. Department of Health and Human Services

81) Which of the following types of documents is most appropriate for testing the efficacy and safety of a new drug, device, or vaccine?
   a. Purchase order
   b. clinical trial agreement
   c. standard research agreement
   d. commercial testing contract

82) Federal law generally requires grant financial records to be kept for a minimum of how many years?
   a. 1
   b. 3
   c. 5
   d. 10
83) Cost sharing can best be described as
   a. waiver of indirect costs
   b. federal funds remaining from a previous project
   c. supplemental salary for a principal investigator
   d. contribution by awardee to total costs of the project

84) Which of the following is considered program income?
   a. petty cash reimbursements
   b. tuition from training programs developed under a grant
   c. rental or usage fees from equipment purchased with grant funds
   d. reimbursement for medical services for principal investigator expenses

85) At a minimum, how frequently must the Institutional Animal Care and Use Committee review a facility’s programs for humane care and use of animals, and inspect the animals’ facilities?
   a. every six months
   b. annually
   c. every two years
   d. every three years

86) Which of the following best describes essential laboratory biosafety levels in medical research?
   a. special microbiological practices used to conduct procedures with high aerosol potential
   b. basic and containment procedures designed to protect personnel and the environment
   c. degrees of protection provided to personnel, environment and community
   d. biological safety cabinets class I, II or II according to the agent under study

87) The primary purpose of a sponsored research administration system should be to
   a. provide job opportunities
   b. facilitate the research process
   c. provide income from the research performed
   d. ensure ongoing research support faculty

88) Which of the following is the Institutional Animal Care and Use Committee responsible for review in a grant application using animal subjects?
   a. a description of how the animals will be housed and in what procedures they will be involved
   b. a listing of other funded projects using animals
   c. certification that all animals to be used in a given project are Specific Pathogen Free (SPF)
   d. a statement of other agencies to which a proposal using the same protocol will be submitted

89) Which of the following is an appropriate response to sexual harassment report by an employee in the work force?
   a. suggest employee report back if further incidences occur
   b. suspend accused employee pending investigation
   c. transfer employee to another department
   d. refer employee to appropriate institution representative
90) Under federal Equal Employment Opportunity provisions, a supervisor should not ask which of the following questions during an employment interview?
   a. marital status of applicant
   b. related work experience of applicant
   c. educational background of the applicant
   d. reasons applicant feels qualified for the position

91) Conflict of interest may exist when medical faculty members conduct drug clinical tests for a company if
   a. there is no control group
   b. the drug involves two different diseases
   c. faculty have share in the company
   d. faculty test a drug and a device at the same time

92) Which of the following best describes a fixed-price contract?
   a. prevents cost overruns
   b. is usually riskier than a cost-reimbursement contract
   c. requires financial reporting to the sponsor
   d. has a longer project period than a cost-reimbursement contract

93) In which of the following areas of intellectual property is the concept of work-for-hire germane?
   a. patents
   b. trademarks
   c. copyrights
   d. trade secrets

94) Which of the following is not included in the computation of an indirect cost rate?
   a. utilities
   b. project travel
   c. facility maintenance
   d. equipment replacement

95) An anti-lobbying certification is required on federal grants, cooperative agreements, and contracts exceeding a minimum of
   a. $10,000
   b. $25,000
   c. $50,000
   d. $100,000

96) Regulations require that documentation of expenditures must be kept for how long?
   a. varies with the funding source
   b. 3 years after the end of the award period
   c. 5 years after the end of the award period
   d. 7 years after the end of the award period

97) Which of the following is the primary purpose of federal review processes?
   a. minimize the expenditure of federal grant funds
   b. validate externally funded decisions made by agency staff
   c. provide for geographic disbursal of grant funds
   d. assure that the highest quality proposals are selected for funding in an equitable manner
98) Which of the following generally describes title to equipment purchased under Public Health Service grants?
   a. is negotiated separately for each grant
   b. is vested in the principal investigator
   c. is retained by the federal government
   d. is passed to the institution upon completion of the project

99) For which of the following population groups are there special guidelines for their protection as research subjects?
   a. prisoners
   b. the elderly
   c. college students
   d. persons diagnosed as HIV positive

100) Which of the following is the most appropriate use of federal agency guidelines for writing a proposal?
    a. should be closely followed
    b. can be followed if convenient
    c. may be modified at discretion of principal investigator
    d. are to be used only for budgets and signature pages