

CRA Practice Exam

Created and provided by Chris McNabb (University of Oklahoma)
And Hollie Schreiber (Oklahoma State University)

- 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
 - b. indirect cost
 - c. unallowable 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
 - b. a predetermined rate
 - c. a provisional rate
 - d. a final rate
- 41) The Animal Welfare Act is enforced by
- a. Department of Agriculture
 - b. Office of Lab Animal Welfare
 - c. National Institutes of Health
 - d. the Public Health Service
- 42) The threshold for an A-133 single audit is
- a. \$300,000 in expenses
 - b. \$300,000 in new funding
 - c. \$500,000 in expenses
 - d. \$500,000 in new funding

- 43) According to section J in OMB A-21 which of the following is unallowable?
- | | |
|---|-----------------------|
| a. Patent Costs | c. Reconversion Costs |
| b. Memberships in a professional organization | 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 | c. PI Effort |
| b. Third Party In-Kind | d. Travel |
- 45) According to A-110 title to equipment acquired by a recipient of federal funds vests with
- | | |
|--------------------|-----------------------|
| a. awarding agency | c. PI |
| b. recipient | d. federal government |
- 46) Membership in the IRB must include
- | | |
|--|---|
| a. member of the sponsored programs office | c. member with primary concern in non-scientific area |
| b. member of the clergy | d. the PI |
- 47) Which of the following is not an approval level for Human Subjects
- | | |
|--------------|------------|
| a. Expedited | c. Exempt |
| b. Full | d. Partial |
- 48) Animal use protocols must be reviewed
- | | |
|----------------|-------------------|
| a. annually | c. quarterly |
| b. semi-annual | d. when requested |
- 49) Which of the following is the cover sheet for application for federal assistance
- | | |
|-----------|-----------|
| a. SF 269 | c. SF 424 |
| b. SF 271 | d. SF 502 |
- 50) Which of the following is not an alternative for program income under A-110?
- | | |
|--------------|-----------------|
| a. Deductive | c. Matching |
| b. Additive | d. Personal Use |
- 51) The cost accounting standards that apply to colleges and universities are detailed in
- | | |
|----------|-----------|
| a. A-110 | c. A-133 |
| b. A-21 | 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 | c. A-87 |
| b. A-102 | d. A-13 |
- 53) 100% effort of a faculty member is best described as
- | | |
|----------------------|--|
| a. 40 hours per week | c. the effort required to meet obligations |
| b. 80 hours per week | 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
 - b. All work except her outside consulting
 - c. All work except her effort exceeding 40 hours in the week
 - 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
 - b. squatters rights
 - c. march in rights
 - d. patent invention rights
- 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
 - b. Small Business Technology Transfer Research
 - c. Grants for Small Businesses
 - 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
 - b. Exempt Procedures
 - c. Just in Time Procedures
 - d. Expedited Procedures
- 58) ITAR is administered by
- a. Department of Commerce
 - b. Department of State
 - c. Department of Homeland Security
 - 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
 - b. Form PHS 398
 - c. Detailed Budget
 - d. Application Checklist
- 60) iEdison is used to report
- a. expenses
 - b. inventions
 - c. cost share
 - 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
 - b. annually
 - c. after each budget period
 - d. at the end of the competitive segment
- 62) The National Science Board
- a. establishes policies
 - b. reviews grant proposals
 - c. conducts research
 - 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 incurred for the same purpose
 - 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 institutions 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 III 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 disbursement 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